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Date: May 22, 2014

Initial: L. Henderson

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Facility Identification Number:	IND 000 199 653		
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Note: Transmittal Letter to Be Included with Reports.
Comments: _____

C3

Quemetco, Inc.

March 25, 2010 FedEx#: 7985 0707 7578

U.S. EPA, Region V
Attn: Todd Brown, Inspector
RCRA Compliance Inspection Section
Mail Code: LR-8J
77 West Jackson Boulevard
Chicago, IL 60604

RE: EPA 2009 Multi-media RCRA Inspection Report
Notice of Violation
Quemetco, Inc., Indianapolis, IND 000 199 653

Dear Mr. Brown:

Quemetco is in receipt of your Notice of Violation letter dated February 23, 2010 concerning the RCRA portion of the multi-media inspection conducted May 18-20, 2009. Quemetco received the Notice of Violation letter February 26, 2010 and therefore its response satisfies the EPA requirement to respond within 30-days. Please find enclosed Quemetco's responses as well as supporting attachments to those items listed in your inspection letter mentioned above.

Please call me at 317-247-1303, extension 112 if you have any questions or require any additional information in this matter.

Sincerely,

Robert A. Kelsey

Robert A. Kelsey, CHMM
EHS Compliance Manager
(317) 247-1303 ext. 112

Attachments
RAK

CC: Nancy Johnston, IDEM- OLQ/Enforcement Section
George Ritchotte, IDEM-OLQ/Compliance Inspection Section
Guinn Doyle, Barnes and Thornburg, LLP

Quemetco, Inc.

Responses to EPA 2009 Multi-Media Inspection Items

Inspection Item 1: RCRA Part B Permit, Section II.N regarding Certificate of Insurance for Closure- wording is not per regulation;

Response: The Certificate of Insurance for Closure has been amended to replace several incorrect regulatory citations. See the attached corrected Certificate that contains the required regulatory language and citations.

Inspection Item 2: RCRA Part B Permit, Section I.H.6 and II.J.1 and regulation 329 IAC 3.1-9 and 40 CFR 264.73. At the time of the inspection, Quemetco's operating record did not include the date each waste received at the facility was treated.

Response: As explained in more detail below, Quemetco's operating record does comply with the requirements of 40 CFR §264.73(b)(1) as adopted by reference at 329 IAC 3.1-9. Quemetco's operating records contains the description and quantity of hazardous received and the method of storage. The attached copy from Quemetco's operating record (labeled as "Inventory") as well as the associated Standard Work Instruction (SWI) demonstrates how Quemetco tracks incoming hazardous waste that is placed in the permitted storage unit. Incoming hazardous waste that is not placed in the permitted storage unit but which is placed directly into the exempt recycling process is not subject to the requirements of 40 CFR §264.73(b)(1) regarding recording the date the hazardous waste was placed in the recycling process.

First, according to 40 CFR 261.6(a)(2)(iv) [as adopted by reference at 329 IAC 3.1-6-1(b)] spent lead-acid batteries that are being reclaimed are not subject to 40 CFR 261, but are regulated under Subparts C through N of Part 266 and all applicable provisions of Parts 270 and 124.

Second, 40 CFR §268.80(a)(5) [as adopted by reference at 329 IAC 3.1-11-1] states that if batteries "will be reclaimed other than through regeneration" and if you "don't store these batteries before reclaiming them" then you "are exempt from 40 CFR Parts 262 (except for §262.11), 263, 264, 265, 266, 270, 124 of this chapter and the notification requirements at Section 3010 of RCRA." The waste received at the facility that are not put into RCRA storage are not subject to 40 CFR Part 264 regarding the date the waste was put into the except recycling process. The only requirement that could apply to batteries going directly to the reclamation process, but according to the exclusion in 40 CFR 268.80(a)(5) does not, is that the operating record contain a description and the quantity of waste received.

Third, pursuant to 40 CFR 261.6(c)(1) [adopted by reference at 329 IAC 3.1-6-1(d)] the recycling processes is exempt from regulations. Only storage before recycling is subject to RCRA, the battery recycling process is exempt from the hazardous waste regulations. Therefore, while 40 CFR 264.73(b)(1) could be interpreted to require Quemetco to include in the operating records a description and quantity of each hazardous waste received [which it does], it is not required to record in the operating record the date waste received at the facility was introduced into the recycling process as the recycling process is not a

RCRA regulated activity and, as stated above, 40 CFR 266.80(a)(5) excludes from 40 CFR Part 264 batteries that are not stored prior to being reclaimed.

Therefore, Quemetco was not in violation of either Condition I.H.6 or Condition II.J.1 of its RCRA permit.

Inspection Item 3: RCRA Part B Permit, Section I.H.1 regarding emergency equipment set forth in its Contingency Plan. Several bags of absorbent were not stored in the location indicated in the Contingency Plan.

Response: The bags of absorbent referred to in the Notice of Violation have been replaced and are currently stored as described in the Contingency Plan. See Attachment 1 showing the drum containing several bags of absorbent. If an incident had occurred that required absorbent during the period when the bags were not present at the Wastewater Treatment Plant (WTP), there are several other storage areas (i.e., Maintenance shop, Spill Kit at refueling area) around the facility where the material is also available.

Revisions to the facility's Contingency Plan are planned as part of the pending IDEM RCRA Part B renewal permit that includes removing this WTP area as a storage location for absorbent material.

Inspection Item 4: Generators accumulating hazardous waste in a container must keep the lid closed except when it is necessary to add or remove wastes. The facility's Brick/Slag container had the lid open at a time when waste was not being taken from or added to the container.

Response: The Brick/Slag container mentioned in the Notice of Violation is used to hold "hot" pieces of brick or slag as they come out of the two (2) smelting furnaces that are associated with the Quemetco lead reclamation process. Some years ago Quemetco discussed with the IDEM RCRA inspector the issue of the container being closed at all times except when material is being put into it because of the safety hazard that is created if furnace employees have to open the container's lids while handling hot brick or slag. The IDEM inspector agreed to allow the lid to the container to be open but only while the furnace operator was present at his station. Once the furnace operator needed to leave his station, the lid was required to be closed. During the EPA inspection, the furnace operator was present when the lid to the slag portion of the container was observed open. However, this issue of the safety hazard created by requiring the container to be closed was described to the EPA and IDEM representatives during the inspection.

As a result of this inspection, Quemetco has reconsidered its management practice of the slag portion of this container. Up to this point, Quemetco took the more stringent regulatory position and labeled both sides of this split container as hazardous waste when only the brick side contains a waste. The slag from the container is always fed back to the furnace operations to recover the lead content which is how it will be labeled from this point on, as "recycled slag" material. See the attached Standard Work Instructions (SWI) showing the revised procedures with appropriate labeling of this container to reflect this change to this portion of the container. Quemetco requests that the brick portion of this container be allowed to remain open as long as the furnace operator is at his station.

CERTIFICATE OF INSURANCE FOR CLOSURE CARE

Name and Address of Insurer (herein called the "Insurer"):

Environmental Service Insurance Company
100 Bank Street, Suite 610, Burlington, VT 05401

Name and Address of Insured (herein called the "Insured"):

Quexco Incorporated and its Subsidiaries, including Eco-Bat Indiana, LLC and Quemetco, Inc.

Quexco Incorporated
2777 Stemmons Freeway, Suite 1800
Dallas, TX 75207

Eco-Bat Indiana, LLC (owner)
Quemetco, Inc. (operator)
7870 West Morris Street
Indianapolis, IN 46231
EPA ID #IND 000 199 653

Facilities Covered:

EPA ID #IND 000 199 653, Quemetco, Inc.
900 Quemetco Drive, Indianapolis, IN 46231

Closure Insurance Amount:	$350,000
Face Amount:	$350,000
Policy Number:	2010-IN
Effective Date:	March 1, 2010-March 1, 2011

The Insurer hereby certifies that it has issued to the Insured the policy of insurance identified above to provide financial assurance for closure for the facilities identified above. The Insurer further warrants that such policy conforms in all respects with the requirements of 329 IAC 3.1-14-8, 329 IAC 3.1-14-18, 329 IAC 3.1-15-4(f), or 329 IAC 3.1-15-6(f) (see 329 IAC 3.1-15-10(e)) as applicable and as such regulations were constituted on the date shown immediately below. It is agreed that any provision of the policy inconsistent with such regulations is hereby amended to eliminate such inconsistency.

Whenever requested by the Indiana Department of Environmental Management (IDEM) commissioner, the Insurer agrees to furnish to the IDEM commissioner a duplicate original of the policy listed above including all endorsement thereon.

I hereby certify that the wording of this certificate is identical to the wording specified in 329 IAC 3.1-14-30 as such rule was constituted on the date shown immediately below.

Authorized Signature

Marcy Waterfall, Account Executive
Name and Title

Notary Public, State of VT — My commission expires 2/10/11

3/22/10
Date

Standard Work Instructions

S.W.I Description	TOOLS/MATERIALS	Safety Requirements
Barcode Scanner Instructions for Daily Container Storage Area Inventory		
Part Number:	Machine #:	
Operation #:	Orig.: 3/23/2010 Rev.:	

Approved by	Name	Job Function	Signature

	Sequence of Operations	Tools Needed	Potential Hazard	Recommended Action
	Every weekday morning, follow the instructions below using the Daily Plant Operations Schedule record to generate the barcode scanner inventory record.			
Step 1	Prior to entering the inventory, 3 options exists: 1) Hazardous waste; 2) Universal waste; 3) Other.	Barcode scanner		
Step 2	Enter the inventory for the permitted hazardous waste storage area into the scannner in order to either generate the daily report or to print labels.	Barcode scanner & portable printer		
	(Note: Manifests numbers starting with "Que" means Quemetco is the generator or has become generator of the material)			
	(Note: Manifest numbers starting with "12345XYZMFG" means "XYZ MFG" is the generator of the off-site received material and the manifest from the incoming load begins with "12345")			
Step 3	When entering the inventory, choose between the following options: 1) Received; 2) Hazardous waste storage; or 3) Processed.			
	Definitions:			
	"Received" is used only upon initial date of receipt		The first day will show being received even though the material is in the CSA.	
	"Hazardous waste storage" is used on subsequent days as long as inventory exists			
	"Processed" is used to show the material has been removed from the storage area for on-site or off-site management			
Step 4	Download the scanner inventory into the software, review/edit for accuracy, and then save the data in the electronic file.	PC with scanner software		
Step 5	Go to the saved file and print a copy of the barcode scanner record for that day and place a copy in the Environmental Library to be part of the RCRA operating record	Printer hooked up to PC		

TOOLS AND OPERATIONAL EQUIPMENT / **PERSONAL PROTECTIVE EQUIPMENT REQUIRED**

Visual Aides

Features:

Lightweight and slim form factor

High-quality 1D laser scanner

Microsoft Windows GEU

User-accessible SO card slot

Rugged design for light **industrial me**

High-speed Intel XScale processor

32MB RAM/32MB ROM

240x240

resolution/2,2-in. monochrome display

Simplified large keypad design

USB 1.1 client

Flexible power source

Device management with Mobility Services Platform (MSP)

Benefits:

* Increases end-user satisfaction and productivity with a comfortable, easy-to-use design
* Captures data accurately to improve productivity and operating efficiency
* Offers an open, flexible platform for faster and easier application development and porting
* Offers flexibility to expand storage volume or connect wirelessly
* Enhances product lifecycle with less downtime:
  - Designed to withstand multiple 4-foot (1.2-m) drops to concrete and up to 5001.65-foot |0.5-m! tumbles
  - IP54-rated sealing protects against water and dust for reliable performance in a variety of environmental conditions
* Delivers fast performance and processing power for enterprise-level applications
* Supplies ample storage capacity for applications and data
* Improves productivity with the highest resolution display in this product class
* Reduces total cost of ownership with accelerated rollout and centralized visibility into mobile devices and applications

Inventory

QUEMETCO

Manifest Hazardous Waste Tracking Record

(1)

Manifest # 362052JCIWU
Date Received: 02/26/2010
Total Received: 8

Location	Quantity	Container	Date	Time
Haz.Storage Area	6	Gaylord	03/01/2010	07:55
Processing	2	Gaylord	03/01/2010	07:55

(2)

Manifest # QUE1643
Date Received: 04/29/2009
Total Received: 2

Location	Quantity	Container	Date	Time
Haz.Storage Area	2	Poly Pack	03/01/2010	07:55

(3)

Manifest # QUE1655
Date Received: 07/02/2009
Total Received: 29

Location	Quantity	Container	Date	Time
Haz.Storage Area	3	drum	03/01/2010	07:55

QUEMETCO

Manifest Hazardous Waste Tracking Record

~~Haz.Storage Area 3 drum 03/01/2010 07:55~~ Duplicate record

RAK 3/10/10

(4)

Manifest # QUE1666
Date Received: 11/03/2009
Total Received: 1

Location	Quantity	Container	Date	Time
Haz.Storage Area	1	Poly Pack	03/01/2010	07:55

(5)

Manifest # QUE1670
Date Received: 01/26/2010
Total Received: 1

Location	Quantity	Container	Date	Time
Haz.Storage Area	1	Poly Pack	03/01/2010	07:55

(6)

Manifest # QUE1671
Date Received: 02/24/2010
Total Received: 10

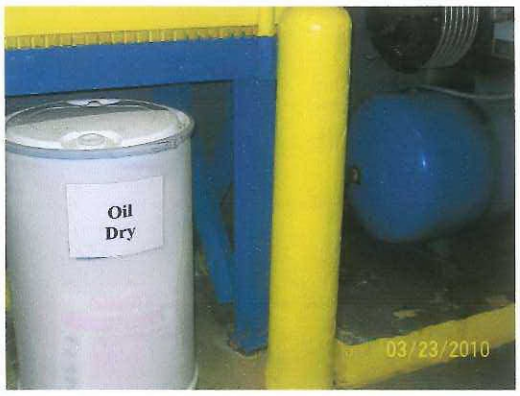
Location	Quantity	Container	Date	Time
Haz.Storage Area	10	Drum	03/01/2010	07:55

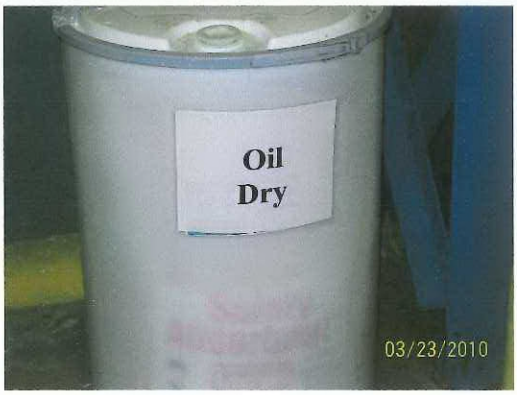
QUEMETCO

Manifest Hazardous Waste Tracking Record

Total Number of Containers Processed:	2
Total Number Of Containers Received:	
Total Number of Containers Inventoried:	23

Attachment 1





Standard Work Instructions

S.W.I Description	TOOLS/MATERIALS	Safety Requirements
Furnace Dept. Brick/Slag Container Management		See PPE requirements at the bottom of the SWI
Part Number	Machine #	
Operation #	Orig.:3/23/2010 Rev:	

Approved by	Name	Job Function	Signature
	AJ Williams	Asst. Plt. Mgr.	
	Mike Meloy	Furnace Mgr.	

	Sequence of Operations	Tools Needed	Potential Hazard	Recommended Action
	Brick Side of Container:			
I.	Hazardous Waste Labeling for the < 90-day container:		Required by "hazardous waste" regulations	
	1. Company name- QUEMETCO, INC			
	2. Waste description- USED BRICK			
	3. Waste code- D008 (LEAD)			
	4. Calendar date accumulation began- Mo/Day/Year			
	5. Label must be replaced when accumulation begins			Follow steps 1-4
II.	Container Management:		Required by "hazardous waste" regulations	
	1. Container & Lid must be in good condition (no dents, holes, openings)		Spills or exposures	Repair container
	2. Container must have a valid hazardous waste label unless it is empty			
	3. Container lid must be closed a) when furnace operator is not present, or b) when "hot" brick is not to be generated.		Hot brick handling when opening lid	
	4. Container must be emptied within 90-days of accumulation date			
	Slag Side of Container:		Good Management Practice (GMP)	
I.	Labeling for the "hot" slag that is being generated:			
	1. "RECYCLE SLAG"			
II.	Container Management:		Good Management Practice (GMP)	
	1. Container & Lid must be in good condition (no dents, holes, openings)		Spills or exposures	Repair container
	2. Container must have a valid label unless it is empty			
	3. Container lid management must follow any Furnace Dept. Health & Safety practices to prevent exposures to hot slag or air lead exposures.			

Visual Aides

End view of Two comparment container for brick and slag

Front view of two compartment container; right side is for slag to be recycled, left side is for used brick.

TOOLS AND OPERATIONAL EQUIPMENT / **PERSONAL PROTECTIVE EQUIPMENT REQUIRED**

Forklift | Gloves | Respirator | Safety First | Hearing Protection | Safety Glasses | Safety Shoes

Land and Chemicals Division

Type of Document:
- ☐ Notice of Violation and Inspection Report/Checklist
- ☐ No Violation Letter and Inspection Report/Checklist
- ☒ Letter of Acknowledgment
- ☐ Information Request
- ☐ Pre-Filing and Opportunity to Confer
- ☐ State Notification of Enforcement Action
- ☐ Return to Compliance
- ☐ Other Correspondence- NOD, memo to ORC

Facility Name: Quemetco, Inc.

City: Indianapolis **State:** Indiana

U.S. EPA ID#: IND000199653

Assigned Staff: Todd Brown **Phone:** (312) 886-6091

Name	Signature	Date
Author	Todd R Roeen	4/23/10
Regional Counsel		
Section Chief	Lorna M. Jaeger	4/26/10
Branch Chief	Mary Ellen	4/27/10

MG 4/27

Directions/Request for Clerical Support:

After the Section Chief/Branch Chief signs this sheet and original letter:

1. Date stamp the cover letter;
2. Make one copy of the contents of this folder for the official file; Note: original inspection report goes into file room.
3. Scan the letter and save the file in the appropriate share drive folder.
4. Mail the original certified mail.
5. Distribute office copies and cc's and bcc's by email.

Once the certified mail receipt is returned:

6. File the certified mail receipt (green card), with this sign-off sheet and the official file copy, and take to 7th floor RCRA file room.
7. E-mail staff the date that the letter was received by facility.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

APR 2 8 2010

REPLY TO THE ATTENTION OF:
LR-8J

CERTIFIED MAIL
RETURN RECEIPT REQUESTED 7009 1680 0000 7665 1783

Mr. Robert A. Kelsey, CHMM
EHS Compliance Manager
Quemetco, Inc.
7870 West Morris Street
Indianapolis, Indiana 46231

Re: Quemetco, Inc.
EPA ID No.: IND000199653

Dear Mr. Kelsey:

On May 18 through 20, 2009, a representative of the U.S. Environmental Protection Agency inspected the Quemetco, Inc. (Quemetco) facility located in Indianapolis, Indiana. In response to violations of Quemetco's Hazardous Waste Management Permit and the Standards Applicable to Generators of Hazardous Waste set forth at Title 329 of the Indiana Administrative Code, Rule 7 (Title 40 of the Code of Federal Regulations Part 262), identified during the inspection, we issued a Notice of Violation to Quemetco on February 23, 2010. Quemetco submitted additional information regarding the identified violations in written correspondence dated March 25, 2010.

This letter is to inform you that EPA has reviewed the referenced response, and does not plan additional enforcement action at this time. This letter does not limit the applicability of the requirements evaluated, or of other federal or state statutes or regulations. EPA and the Indiana Department of Environmental Management (IDEM) will continue to evaluate your facility in the future.

If you have any questions or concerns regarding this matter, please contact Todd C. Brown, of my staff, at (312) 886-6091.

Sincerely,

Mary S. Setnicar
Acting Chief, RCRA Branch
Land and Chemicals Division

cc: Nancy Johnston, IDEM

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Robert A. Kelsey, CHMM
EHS Compliance Manager
Quemetco, Inc.
7870 West Morris Street
Indianapolis, Indiana 46231

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* Micha Parker — B. Date of Delivery 5/3/10

C. Signature — ☐ Agent ☐ Addressee

X Micha Parker

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Tra* 7009 1680 0000 7665 1783

PS Form 3811, March 2001 Domestic Return Receipt 102595-01-M-1424

Land and Chemicals Division

Type of Document:
- ☐ Termination of Order
- ☒ Notice of Violation and Inspection Report/Checklist
- ☐ No Violation Letter and Inspection Report/Checklist
- ☐ Letter of Acknowledgment
- ☐ Information Request
- ☐ Pre-Filing Notice and Opportunity to Confer
- ☐ State Notification of Enforcement Action
- ☐ SNC Determination Memo
- ☐ Other Correspondence

Facility Name: Quemetco, Inc.

Facility Location: 7870 West Morris Street

City: Indianapolis **State:** Indiana

U.S. EPA ID#: IND000199653

Assigned Staff: Todd Brown **Phone:** (312)886-6091

Name	Signature	Date
CS1 Assignee	Todd Brown	2/8/2010
CS1 Section Chief	Lorna M. Jaye	2/18/10
Regional Counsel		2/17/10
RCRA Branch Chief		

RTC MG 2/18

MG 2/18

Directions/Request for Clerical Support:

After the Section Chief signs this sheet and original letter:

1. Date stamp the cover letter;
2. Make four copies of the contents of this folder:
   - One copy for the assigned staff;
   - One copy for the section file;
   - One copy for the branch file; and
   - One copy for the official file copy.
3. Make any additional copies for cc's or bcc's.
4. Mail the original certified mail and distribute office copies and cc=s and bcc=s.

Once the certified mail receipt is returned:

5. File the certified mail receipt (green card), with this sign-off sheet and the official file copy, and take to 7th floor RCRA file room;
6. E-mail staff the date that the letter was received by facility.

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Robert Kelsey
Environmental Compliance Manager
Quemetco, Inc.
7870 West Morris Street
Indianapolis, IN 46231

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* Micha Fasey — B. Date of Delivery 2/24/10

C. Signature
X Micha Fasey ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☑ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Artic
(Trans 7001 0320 0006 1448 4004

PS Form 3811, March 2001 Domestic Return Receipt 102595-01-M-1424

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

JUL 23 2009

REPLY TO THE ATTENTION OF:
LR-8J

CERTIFIED MAIL 7001 0320 0006 1448 4004
RETURN RECEIPT REQUESTED

Mr. Robert Kelsey
Environmental Compliance Manager
Quemetco, Inc.
7870 West Morris Street
Indianapolis, Indiana 46231

Re: Notice of Violation
Quemetco, Inc.
EPA Id No.: IND000199653

Dear Mr. Kelsey:

On May 18 through 20, 2009, representatives of the U.S. Environmental Protection Agency conducted a multi-media inspection (MMI) at Quemetco, Inc. (Quemetco), located at 7870 West Morris Street, in Indianapolis, Indiana. A portion of this MMI included evaluation of Quemetco's compliance with certain provisions of the Resource Conservation and Recovery Act (RCRA), including: Quemetco's compliance with its Hazardous Waste Management Permit issued by the Indiana Department of Environmental Management (IDEM) on November 30, 2004 (RCRA Permit); and the Standards Applicable to Generators of Hazardous Waste set forth at Title 329 of the Indiana Administrative Code (329 IAC), Rule 7 (Title 40 of the Code of Federal Regulations (40 CFR) Part 262. Please find enclosed a copy of the inspection report for the RCRA portion of the MMI for your reference.

Based on information provided by Quemetco personnel, review of records, and physical observations made by the inspector at the time of the MMI, EPA has determined that Quemetco is/was in noncompliance with the following conditions of its RCRA Permit and the Indiana Administrative Code:

1. Section II.N of Quemetco's RCRA Permit, requires that it demonstrate continuous compliance with 329 IAC 3.1-15-4, by providing documentation of financial assurance when requested, and as specified by 329 IAC 3.1-15-10. 329 IAC 3.1-15-10(e) requires that a certificate of insurance for closure must be worded identically to 329 IAC 3.1-14-30 except that instructions in brackets are to be replaced with relevant information and the brackets deleted.

At the time of the inspection, the EPA inspector reviewed a copy of Quemetco's certificate of insurance for closure. The wording of the certificate deviated from the wording at 329 IAC 3.1-14-30 as follows:

- The second sentence (beginning, "The Insurer further warrants....") of the first paragraph (beginning, "The Insurer hereby certifies....") does not conform to the wording of 329 IAC 3.1-14-30, in that it substitutes the regulatory citations, **"329 IAC 3-22-8 and 329 IAC 3-22-18, 329 IAC 3-47-4(e) or 329 IAC 3-47-6(3) (see 329 IAC 3-47-10(e)),"** for the required regulatory citations, **"329 IAC 3.1-14-8, 329 IAC 3.1-14-18, 329 IAC 3.1-15-4(f), or 329 IAC 3.1-15-6(f) (see 329 IAC 3.1-15-10(e)).**"

- The last sentence of the certificate (beginning, "I hereby certify.....") does not conform to the wording of 329 IAC 3.1-14-30, in that it substitutes the regulatory citation, **"329 IAC 3-22-30"** for the required regulatory citation, **"329 IAC 3.1-14-30."**

Therefore, Quemetco violated the above-mentioned condition of its RCRA Permit.

2. Sections I.H.6 and II. J.1 of Quemetco's RCRA Permit requires that it maintain an operating record as required by 329 IAC 3.1-9 and 40 CFR § 264.73.

40 CFR § 264.73(b)(1) requires that the operating record include a description and the quantity of each hazardous waste received, and the method(s) and date(s) of its treatment, storage, or disposal at the facility.

At the time of the inspection, Quemetco's operating record did not include the date each waste received at the facility was treated. Therefore, Quemetco violated the above-mentioned condition of its RCRA Permit.

3. Section II.H.1 of Quemetco's RCRA Permit requires that it equip the facility with the equipment set forth in its contingency plan (which is incorporated by reference as Attachment G to the RCRA Permit), and as required by 329 IAC 3.1-9 and 40 CFR § 264.32.

Quemetco's contingency plan identifies "several bags of absorbent material" as being located at the Water Treatment plant. At the time of the inspection, this equipment was not located at the Water Treatment plant. Therefore, Quemetco violated the above-mentioned condition of its RCRA Permit.

4. Generators accumulating hazardous waste in a container must keep the container closed except when it is necessary to add or remove waste. See, 329 IAC 3.1-7-1 and 40 CFR §§ 262.34(a)(4) and 265.173(a).

At the time of the inspection, Quemetco was storing hazardous waste slag and refractory brick in a bisected container, located in the area where its reverboratory and slag reduction furnaces are located. The lid for the section of the container used for collection of slag waste was open, at a time when waste was not being taken from or added to the container. Therefore, Quemetco failed to comply with the above-mentioned generator container storage condition.

According to Section 3008(a) of the Resource Conservation and Recovery Act (RCRA), EPA may issue an order assessing a civil penalty for any past or current violation requiring compliance immediately or within a specified time period. Although this letter is not such an order, you are hereby requested to submit a response in writing to this office no later than thirty (30) days after receipt of this letter documenting the actions, if any, which have been taken since the inspection to establish compliance with the above conditions and requirements.

You should submit your response to Todd C. Brown, U.S. Environmental Protection Agency, Region 5, 77 West Jackson Boulevard, LR-8J, Chicago, Illinois 60604. If you have any questions regarding this letter, please contact Mr. Brown, of my staff, at (312) 886-6091.

Sincerely,

Willie H. Harris

Willie H. Harris, P.E.
Chief, RCRA Branch
Land and Chemicals Division

Enclosure

cc: Nancy Johnston, IDEM
Guinn P. Doyle, Barnes & Thornburg, LLP

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 W. JACKSON BOULEVARD
CHICAGO, IL 60604

RCRA MULTI-MEDIA INSPECTION REPORT

INSTALLATION NAME:	Quemetco, Inc.
U.S. EPA ID No.:	IND000199653
LOCATION ADDRESS:	7870 W. Morris Street Indianapolis, Indiana 46241
NAICS CODE:	331492 - Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
DATES OF INSPECTION:	May 18 – 20, 2009
U.S. EPA INSPECTOR:	Todd Brown

PREPARED BY: Todd C. Brown
Environmental Scientist
6/11/09
Date

REVIEWED BY: Lorna M. Jereza, Chief
Compliance Section 1
RCRA Branch
6/15/09
Date

I. Purpose of Inspection

The purpose of this inspection was to determine Quemetco, Inc.'s (Quemetco) compliance with the Resource Conservation and Recovery Act (RCRA), with respect to Quemetco's management of hazardous waste. This RCRA inspection occurred in conjunction with an EPA Region 5 Multi-Media Inspection (MMI). The MMI also included evaluation of Quemetco's compliance with the Clean Water and Clean Air Acts (CWA and CAA, respectively). Only the inspection observations of the RCRA inspector are included in this report. The RCRA portion of the MMI took place on the same dates as the CAA portion. The CWA portion of the inspection had occurred during a previous week.

II. Plant Description/Back Ground

Quemetco operates a secondary lead smelting facility located at 7870 W. Morris Street, in Indianapolis, Indiana. The operating portion of the facility spans approximately 8 acres. Quemetco primarily processes lead-acid batteries (mostly car batteries, though industrial batteries as well) in a recycling process, from which it produces 25 to 65 pound lead ingot and 1-ton lead blocks for market. Though lead-acid batteries are the primary feedstock (approximately 95%), other materials such as slag (from off-site lead smelters), bag-house dust, scrap metal, and virgin metal are also used. The primary consumers of Quemetco's products are automobile battery manufacturers. Polypropylene/plastic recovered from the batteries is also sold on the market.

Quemetco's recycling process is described in more detail below (see Opening Conference). Briefly, whole batteries are fed into a wrecking machine (hammer-mill) where they are crushed. The resulting crushed metallic and lead-bearing components are separated from the polypropylene components of the batteries in float-sink cells. The polypropylene is then washed and shipped off-site to a plastic recycler.

The crushed lead-bearing components (furnace charge) are deposited in in-door piles, where they are allowed to dry for at least 24 hours prior to further processing. Front end loaders are used to transport the furnace charge to these piles.

The furnace charge is fed into a drying kiln, and then into a reverberatory furnace along with reagents such as coke and limestone. The smelting process in the reverberatory furnace produces lead, dross and slag. The slag, which still contains recoverable lead, is further processed in a slag reduction furnace (SRF), for additional lead recovery. Slag generated by the SRF is stored in in-door piles, while awaiting waste characterization, prior to off-site disposal.

Molten lead from the reverberatory furnace and SRF is further refined in kettles to make lead alloys (with additives such as copper, calcium, aluminum, and antimony) or pure lead, which is then cast to the desired form (i.e., ingot or block). Dross is skimmed from the kettles for disposal or reintroduction into the smelting process.

Quemetco is a permitted hazardous waste storage facility and a large quantity generator (LQG) of hazardous waste. Quemetco's current RCRA Permit was issued on November 30, 2004, and expires in December of 2009. The RCRA Permit allows for container storage of up to 8,447 gallons of corrosive and toxicity characteristic hazardous waste; and listed K069 hazardous waste (i.e., emission control sludge/dust from secondary lead smelting). The toxicity characteristic wastes permitted for storage are limited to those wastes that are characteristic for arsenic, cadmium, chromium, lead, mercury, selenium or silver. The container storage area consists of a single, outdoor unit located at the northeast corner of the property.

Hazardous wastes generated by Quemetco have included, but are not limited to[1]:

- Furnace slag (Hazardous Waste Nos.: D004, D005 and D008);
- Lead contaminated asphalt and soil (D008);
- Waste water treatment sludge (D008);
- Spent mineral spirits from parts washing (D001, F001 and F002);
- Polypropylene chips from battery cases (D008);
- Lead contaminated brick and dross (D007 and D008);
- Contaminated soil and concrete debris (D004, D006 and D008);
- Lead contaminated floor sweepings, PPE, rags, and skids (D008);
- Spent waste water sand filter media (D008);
- Spent bag-house bags and filters (D008); and
- Outdated/unused chemicals and paints (D001).

Quemetco produces waste water treatment filter-cake from the on-site treatment of its process waste water. Quemetco reportedly reintroduces the filter-cake into its smelting process for lead recovery.

III. Opening Conference (May 18, 2009)

The EPA MMI Team along with representatives from the Indiana Department of Environmental Management (IDEM) arrived at Quemetco at approximately 12:45 p.m., Eastern Standard Time (EST). The MMI Team consisted of Joseph Ulfig and Michelle Heger from the Air and Radiation Division, and I. The IDEM representatives present were Cynthia Holladay and George Ritchotte from IDEM's Offices of Air and Land Quality, respectively.

Upon arrival, the MMI Team held an opening conference with Quemetco representatives George Rezabek (Vice President, Indiana Operations), A.J. Williams (Assistant Plant Manager), Joe M. Wheat (Assistant Plant Manager), and Robert Kelsey (Environmental Compliance Manager). During the opening conference, Mr. Rezabek provided an overview of Quemetco's recycling process. The following is a summary of that explanation.

[1] Source: Summarized from Quemetco's 2007 and 2008 Annual Hazardous Waste Reports.

Batteries (primarily automotive) are unloaded on pallets and placed into a tipping device that transfers them to an inclined conveyor feeding to a hammer-mill. Mechanical forces crush the batteries into small components inside of the hammer mill. The output from the hammer-mill is fed into liquid sink-float tanks where plastic components separate by gravity from the metallic components and lead oxide "paste."

Plastic components will float to the top of the tanks where it is skimmed from the surface. The plastic is then sprayed with water on screens, processed again in a sink-float tank, further ground in a hammer mill, and transferred to a tank where it is washed again with water. The plastic is then subjected to a tri-sodium phosphate wash in a rotating drum equipped with a screen. Finally, the plastic is dried in a hot air dryer and blown through vents to a trailer for off-site shipment. The plastic is analyzed by Quemetco using the Toxicity Characteristic Leaching Procedure (TCLP), prior to off-site shipment (each trailer is sampled). Most of the plastic, including that which is deemed a hazardous waste through TCLP analysis, is sent to KW Plastics in Troy, Alabama for recycling.

Lead oxide paste and metallic components will accumulate on the bottom of the sink-float tanks. The large components of this mixture are separated from the paste on a rotating screen under a high pressure wash. The lead oxide paste is then processed in a tank with sodium carbonate for de-sulfurization. The sodium carbonate reacts with the sulfur to form sodium sulfate. The paste/sodium sulfate mixture is pumped through filters that capture the lead oxide paste. The paste is removed from the filters with air.

The de-sulfurized paste and metallic components are deposited in in-door piles, in an area referred to as Bin 10, where it may sit for up to three days prior to further processing. Reportedly, this portion of the building was originally designed and certified as a containment building.

This material is then fed to a rotary dryer, and conveyed to a 20-million BTU gas reverberatory furnace. Molten lead formed in the furnace is tapped at the bottom, and chemically refined in a series of kettles to meet customer specifications. Lead exiting the reverberatory furnace also contains metals such as antimony (<2%), copper and tin. In the kettles, compounds and/or metals (e.g., tin, phosphorus, iron pyrite, sulfur compounds, etc.) are added to change the physical properties of the lead (e.g., "hard" vs. "soft" lead). At times, lead from the reverberatory furnace cannot be immediately processed in the kettles as they are full. In these instances, the lead is diverted to molds.

The reverberatory furnace also generates slag containing 50% lead. The slag is processed in the SRF, which is a 2.5-megawatt electric furnace. The SRF both extracts contaminants from the slag so Quemetco can dispose of it as a non-hazardous waste, and generates molten lead which is again refined in kettles. The lead exiting the SRF contains 10% antimony. Slag from the SRF is sampled every 2 hours for hazardous waste characterization. According to Quemetco, 90% of the SRF slag it generates is a non-hazardous waste. Slag generated by the SRF is stored in an indoor concrete bin, while Quemetco awaits the results of the TCLP analyses. If Quemetco's

analyses indicate the slag is a hazardous waste, it is transferred to a roll-off box prior to off-site shipment.

Quemetco also receives reverberatory furnace slag from its sister facility in New York for lead recovery in its SRF. Quemetco's New York facility does not have the capability to reclaim lead from this slag. Quemetco's Indianapolis facility processes approximately three million lbs. of slag from the New York facility per month. The slag is stored in in-door piles before processing.

Quemetco generates waste water treatment filter-cake from the onsite treatment of its process waste waters. The filter-cake is processed in its reverberatory furnace for recovery of lead.

Quemetco processes around 40 truck loads of batteries per day, and produces around 20.8 million lbs. of finished lead metal per month. Most of the lead is consumed by battery manufacturers. Johnson Controls is Quemetco's biggest consumer of its lead products.

Quemetco employs approximately 212 personnel at its Indianapolis facility. Gus Howard is the current Emergency Coordinator.

IV. Tour of Solid Waste Management Units (May 18, 2009)

At approximately 2:45 p.m. (EST), Mr. Ritchotte and I left the group to tour Quemetco's solid waste management units as identified through Quemetco's RCRA corrective action activities. During this time, we toured the Slag Pile; Ponds 1, 2, and 3; and a portion of Julia Creek. I obtained digital photographs of the areas we visited (photographs 1 through 16).

We returned to the office area at approximately 3:20 p.m. (EST).

V. Manifest Review (May 18, 2009)

I concluded the inspection activities for this day by reviewing incoming and outgoing hazardous waste manifests from the years 2007 through 2009. I noted that each manifest I reviewed was filed along with a Land Disposal Restriction (LDR) Notification.

Numerous hazardous waste manifests were present for off-site shipments of polypropylene chips destined to KW Plastics, Number 1 Sanders Road, Troy, Alabama 36079 (EPA Id No.: ALD981475304). The manifests indicated this waste stream possessed the characteristic of toxicity for lead. I noted that the corresponding LDR notifications for all manifests I reviewed for this waste stream, with the exception of one from 2007, were lacking the applicable statement regarding its land disposal restriction status. The particular LDR notifications filed with these manifests contained the statements from the Generator Paper Work Requirements Table in 40 CFR Part 268, with the option to check the box next to the statement that was applicable to the waste stream. Only the one notification I reviewed for a shipment in 2007 had the applicable box checked, stating the waste was restricted from land disposal.

During the review, I also noted one manifest for incoming hazardous waste from Danny I Shell, Inc., Pell City, Alabama, for which the description of the waste on Line 9 was not included. The Manifest Document Number for this shipment was 005642131. The waste was received by Quemetco on February 26, 2009. The manifest indicated the shipment contained 45,000 lbs. of lead toxicity characteristic waste (D008).

I concluded the manifest review at approximately 4:10 p.m. (EST) and departed Quemetco.

VI. Recycling Plant Tour (May 19, 2009).

The MMI Team and IDEM representatives returned to Quemetco on May 19, 2009, at approximately 8:30 a.m. (EST), to continue the inspection. Upon arrival, we met with Messrs. Wheat and Kelsey. We began the day's activities by preparing for a tour of the Recycling Plant, which required a health and safety briefing by Quemetco's Safety Manger, Gus Howard, and the donning of required personal protective equipment (Tyvek® suits/over-alls, respirators, gloves, rubber boot covers, etc.). The MMI Team, IDEM representatives, and Messrs. Wheat and Kelsey began the facility tour at approximately 9:15 a.m. (EST).

Receiving Area/Wrecker Dock

The tour began in a Receiving Area, outside of the Wrecker Dock, located on the southeast side of the Recycling Plant. I noted 12 trailers parked in this area. Photograph 17 features the contents of one trailer.

We entered the Recycling Plant through the Wrecker Dock. At this time, three trailers of batteries and two trailers of ground plastic were being unloaded and loaded, respectively (photographs 18 through 22). Messrs. Wheat and Kelsey cracked open one of the doors to a trailer of plastic so I could observe the ground plastic as it was blown in.

In the Wrecker Dock, I was able to observe the tipper and inspection conveyor transferring feedstock (i.e., batteries) to the hammer-mill, which is located on the other side of a wall.

I noted that evacuations routes for this area were posted on a wall.

Containment Area

We entered an area of the building identified as the "Containment Area" on Quemetco's facility plot plan[2]. This portion of the building was reportedly originally constructed and certified as a containment building. This area houses the hammer-mill and drying kiln.

[2] The Plot Plan referred to here and throughout this report when identifying a location by name, is the Plot Plan from Attachment G of Quemetco's RCRA Permit. The inspector used a photocopy of this Plot Plan during the inspection to aid in identifying his location.

While at this location, I observed ground lead-oxide paste/metallic battery components being deposited on the floor (photographs 23 and 24). These materials and the ground were wet. I obtained several photographs of the area (photographs 25 through 28).

Furnace Room

From the Containment Area, we entered a room to the west where the reverberatory furnace, SRF, kettles, molds and a portion of the casting machine is located. Here, I observed a container segmented into two sections used for accumulation of slag and refractory brick waste (photograph 29). Both sides were labeled with the words, "Hazardous Waste," and marked with an accumulation date of May 13, 2009. The lid for the section of the container used for collection of slag waste was open (photograph 30).

Finished Goods

We continued west into an area identified as "Finished Goods" on the Quemetco facility plot plan. This room houses the remainder of the casting machine and is used to store the finished blocks and ingots of lead and lead alloys.

Here, I observed a metal container for collection of personal protective equipment waste (photograph 31). The container was labeled with the words, "Hazardous Waste," and closed. It was marked with an accumulation date of May 11, 2009.

At an area used for repacking batteries, I noted a metal container labeled with the words, "Hazardous Waste" (photograph 32). The label identified the contents as "Leaded Trash." Its contents appeared to be wood and other debris. The container was marked with an accumulation date of April 15, 2009.

Finally, I noted one 55-gallon container for collection of aerosol can waste located in a shipping area. The container was labeled with the words, "Hazardous Waste," undated, and closed. Three aerosol cans were present in the container.

Bin Room

We continued back east and entered a room labeled "Bin Room" on the Quemetco facility plot plan. This room is connected to the Containment Area that we had previously toured, and was reportedly originally constructed and certified as a containment building.

While at this location, I observed piles of ground lead paste and metallic battery components in the process of drying, as well as dross (photographs 33 through 36).

Slag Warehouse

From the Bin Room, we continued north to a portion of the facility referred to as the Slag Warehouse by Quemetco. This area is labeled "Storage Building" and "Electric Furnace Warehouse" on the Quemetco facility plot plan.

At this location, I observed piles of slag (generated on-site and off-site from Quemetco's New York facility), and raw materials such as lime and coke (photographs 37 through 43). These piles were located in three-sided concrete bins. I noted two large door ways on the east and west sides, that led to the outside (one overhead and one swinging) (photographs 44 and 45). The floor of the area was wet (photograph 46).

Hazardous Waste Storage Area

We proceeded though the east exit of the Slag Warehouse to the permitted Hazardous Waste Storage Area. This area is identified as the "Hazardous Storage Area" on the Quemetco facility plot plan.

At the time of the inspection, five rows of containerized hazardous waste and batteries on skids were present (photograph 47). The rows were no more than eight skids in length. Rain water was present in the trench of the run-off collection system (photograph 48).

I observed four roll-off containers in an out-door area directly to the south of the Hazardous Waste Storage Area (photograph 49). Two were labeled as hazardous waste, and the two as non-hazardous waste. According to Quemetco, all four contained gravel and concrete.

At the conclusion of my inspection of this area, I photographed the east doorway to the Slag Warehouse (photograph 50).

Return from Site Tour

We returned to the office area of Quemetco at approximately 10:46 A.M. At this time, Messrs. Wheat and Kelsey clarified that the last indoor area of the tour, the Slag Warehouse, where the slag from Quemetco's New York facility is stored, is not equipped with secondary containment. They further explained that the "Bin Room" and "Containment Area" are equipped with secondary containment, in the form of metal plates under the concrete floor. They also explained that a wheel wash area is located at the eastern exit of the Slag Warehouse.

The MMI Team and IDEM representatives departed Quemetco for lunch at approximately 11:15 A.M. (EST).

VII. Records Review (May 19, 2009)

The MMI Team and IDEM representatives returned to Quemetco at approximately 12:30 p.m. (EST). At this time, I conducted a review of records. During this portion of the inspection, Mr. Wheat explained that the Slag Warehouse is also used to store slag generated on-site, and not just that received from Quemetco's New York facility. Mr. Kelsey explained that the three eastern most bins in the Slag Warehouse are used to accumulate slag generated on-site and undergoing hazardous waste characterization prior to off-site shipment. I noted these three bins with an "x" on my copy of Quemetco's facility plot plan.

Inspection Records

I reviewed selected inspection records for 2009, and noted that inspection records were on-file dating back to at least 2007. The following bullets identify (by name) and describe the inspection records I reviewed.

- **"Hazardous Waste Weekly Inspection Checklist/Log."** This is one of the inspection records identified in Attachment F of Quemetco's RCRA Permit. I reviewed these records for the weeks of January 7 through May 13, 2009.

- **"Yard Building Weekly Inspection Checklist/Log."** According to Mr. Wheat, the items on this checklist/log pertain to the entire Recycling Plant. These records record inspection of the following items: (1) Building Interior (gaps on surfaces, maintenance of piles, wrecker sump liquid level); (2) Building Exterior (liquid leak detection system, exterior releases, presence of visible dust in air near openings); and (3) Ventilation System (whether it is operational and the pressure). I reviewed these records for the weeks of January 7 through May 13, 2009. I noted that the records indicated a liquid level in the wrecker sump of one to seven feet, each week.

- **"Weekly Less than 90 Day Storage Area Inspection/Checklist."** These records record inspection of the following areas: (1) Accumulation Area and Plastic Trailers; (2) Roll-off Accumulation Area on the East Side of the Plant; (3) Roll-off and Drum Crusher Accumulation Area, North Side of Plant; (4) Accumulation Area, Water Quality; (5) Accumulation Area, Maintenance Shop; (6) Accumulation Area, North Wall of Warehouse; and (7) Accumulation Area Next to 039 Baghouse. The documents record inspection of the condition of these areas and quantities of material present. I reviewed these records for the weeks of January 7 through May 13, 2009.

- **"Truck and Trailer Parking Lot Truck Fueling Station."** This is one of the inspection records identified in Attachment F of Quemetco's RCRA Permit. I reviewed these records for the weeks of January 7 through May 13, 2009.

- **"Monthly Equipment and Materials Requirements for Spill Containment."** These records recorded the inspection of spill control equipment inventory. I reviewed these records for the months of January through May, 2009.

- **"Monthly Plant Operations Inspection."** These records recorded the inspection of fire extinguishers, spill control, and miscellaneous safety equipment. I reviewed these records for the months of January through May, 2009.

2008 Annual Hazardous Waste Report

I reviewed and obtained a photocopy of Quemetco's 2008 Annual Hazardous Waste Report (2008 Annual Report). I marked the photocopy "QRCRA-01." Quemetco signed the report on February 19, 2009.

Table 1 lists Quemetco's off-site shipments of hazardous waste as reported in the 2008 Annual Report.

Table 1. Off-site Shipments of Hazardous Waste in 2008

Hazardous Waste Description	Waste Codes	Quantity Shipped (lbs.)	Designated Facility (ID Number)
Disposable Electric Arc Furnace Slag Containing Lead	D004, D005 & D008	7,377,940	Heritage Environmental Service, LLC (IND093219012)
Lead Contaminated Asphalt and Soil from Recycling Facility	D008	914,360	Heritage Environmental Service, LLC (IND093219012)
Wastewater Treatment Filter Press Cake from Lead Recycling Facility.	D008	161,440	Heritage Environmental Service, LLC (IND093219012)
Spent Parts Washing Liquid (Mineral Spirits) from Lead Recycling Facility.	D001, F001 & F002	2,080	Heritage Environmental Service, LLC (IND093219012)
Spent Lead Acid Battery Case Plastic Chips Destined for Recycling	D008	3,873,478	KW Plastics (ALD981475304)
Lead Contaminated Brick and Dross from Recycling Facility	D007 & D008	845,440	Veolia ES Technical Solutions (WID003967148)

Hazardous Waste Description	Waste Codes	Quantity Shipped (lbs.)	Designated Facility (ID Number)
Lead Contaminated Soil and Concrete Debris from Recycling Facility	D004, D006 & D008	586,060	Veolia ES Technical Solutions (WID003967148)
Lead Oxide Load Being Partially Rejected or Returned to Generator since Material was Unprocessible	D008	13,760	Toxco, Inc. (OHD071654958)

I noted Quemetco's 2007 Annual Hazardous Waste Report was also on file.

Closure and Financial Assurance Records

The copy of Quemetco's Closure Plan that was submitted with Part B of its Permit Application was on file. The closure cost estimate is listed as $260,229 in this plan. The written Closure Plan itself has not been updated to reflect the current closure cost estimate, as adjusted for inflation.

A copy of a Certificate of Insurance for closure signed by a Notary Republic on March 6, 2009, effective March 1, 2009, through March 1, 2010 was on file. The face amount of the insurance policy and amount insured were both reported on the certificate as $290,000. I compared the wording of the certificate to that of 329 IAC 3.1-14-30, (i.e., Wording of instrument; certificate of insurance). I noted the following during my review.

The second sentence (beginning, "The Insurer further warrants....") of the first paragraph (beginning, "The Insurer hereby certifies....") does not conform to the wording of 329 IAC 3.1-14-30, in that it substitutes the regulatory citations, "329 IAC 3-22-8 and 329 IAC 3-22-18, 329 IAC 3-47-4(e) or 329 IAC 3-47-6(3) (see 329 IAC 3-47-10(e))," for the regulatory citations, "329 IAC 3.1-14-8, 329 IAC 3.1-14-18, 329 IAC 3.1-15-4(f), or 329 IAC 3.1-15-6(f) (see 329 IAC 3.1-15-10(e))."

Also, the last sentence of the certificate (beginning, "I hereby certify.....") does not conform to the wording of 329 IAC 3.1-14-30, in that is substitutes the regulatory citation, "329 IAC 3-22-30" for, "329 IAC 3.1-14-30."

A Hazardous Waste Facility Certificate of Liability Assurance, dated October 23, 2008, was on file. The certificate states the limits of the policy as one million dollars each occurrence with an annual aggregate of two million. I compared the wording of the certificate to that of 329 IAC 3.1-14-36 (i.e., Wording of instrument; hazardous waste facility certificate of liability insurance). I did not note any deviations.

Operating Record

I reviewed with Richard Rogers, Shipping and Yard Manager, the procedures and documents used by Quemetco to track shipments of hazardous waste received at the facility.

For each manifest or bill-of-lading received, Quemetco will generate a unique "QUE" number and record the date the load was received, the type of containers, the amount of waste, the location it was placed at the facility, and the waste description. Quemetco also tracks the amount of waste located at the Hazardous Waste Container Storage Area. However, Quemetco does not specifically record the date each waste received was processed or shipped off-site.

Quemetco generates a "Goods Receipt" for each incoming load of waste and attaches it to the shipping record and scale ticket for the load. The Goods Receipt records the purchase order number, purchasing group, the customer name, origin of shipment, bill-of-lading/manifest number, quantity, and location of storage.

Training Records

I conducted a review of Quemetco's RCRA training Records. Quemetco's Safety Manager, Mr. Howard, was present during this portion of the records review, and is responsible for implementation of Quemetco's training program.

Quemetco's RCRA Permit contains a description of positions related to hazardous waste management at the facility, and a description of the RCRA training provided by Quemetco. Mr. Howard confirmed that the training description is still current. Mr. Howard also stated that every employee at the plant is required to attend the annual RCRA training course, which is provided in-house by Mr. Howard.

I reviewed selected records documenting the RCRA training of individual employees, which were filed in cabinet in Mr. Howard's office.

Mr. Howard was also able to provide a list of employees with job titles.

P.E. Certification of Containment Building

I obtained a photocopy of a "Containment Building P.E. Certification Report." According to Quemetco, this report corresponds to the areas previously identified here as Containment Area and Bin Room. I marked the photocopy of the report QRCRA-02.

Hazardous Waste Contingency Plan

I reviewed Quemetco's Hazardous Waste Contingency Plan, revised May 27, 2005. During my review, I noted the following.

- The contingency plan does not include the home addresses of the emergency coordinators.

- The locations of certain emergency equipment such as fire extinguishers, fire blankets and eyewash/drench showers are identified as throughout the plant, with reference made to a facility plot diagram for exact locations. However, the plot diagram is not included in the contingency plan.

- The evacuation plan instructs employees to proceed to the nearest exit, and references the facility plot diagram for their locations. The evacuation plan further states that individual departments will designate primary and secondary evacuation routes, and states that employees with be informed of their locations. The actual evacuation routes are not included in the contingency plan.

Waste Analysis Records

I reviewed waste analysis records for off-site shipments of plastic and slag in Mr. Wheat's office. These records are kept electronically on his desk top computer. Mr. Wheat explained that 24-hour composite samples of both plastic and slag waste are analyzed via TCLP daily. The TCLP analyses of the slag composites only include arsenic, barium and lead. The plastic composites are analyzed for lead only. Mr. Wheat provided me with the results of slag/plastic waste analyses for months that I randomly selected.

This concluded the inspection activities for the day. I left Quemetco at approximately 4:00 p.m. (EST).

VIII. Security/Emergency Equipment and Water Treatment Plant Inspection (May 20, 2009)

I returned to Quemetco on May 20, 2009, at approximately 8:10 A.M. (EST). Upon arrival, I met with Messrs. Kelsey and Wheat and requested to inspect the security fence surrounding the facility, and the location of emergency equipment identified in Quemetco's Hazardous Waste Contingency Plan.

Messrs. Wheat and Kelsey accompanied me on this portion of the tour. During this time, I inspected the emergency response and spill containment equipment located near the entrance gate, walked the fence line of the facility, and toured the Water Treatment Plant.

I noted surface rusting on portions of the fence, and some gaps where gates were located. Overall, the fence appeared to be in fair condition.

At the Water Treatment Plant, I noted six bins for collection of filter cake located underneath two filter presses (photographs 51 and 52). The bins were labeled, "Recycle Iron." Questioning of Messrs. Wheat and Kelsey, and an employee working at the Water Treatment Plant, revealed that

the bags of absorbent material, identified in Quemetco's Hazardous Waste Contingency Plan as available in this area, were not present.

We returned to the office area at approximately 9:10 A.M. (EST). At this time, I reviewed my notes and awaited the arrival of the MMI Team to conduct a closing conference.

IX. Closing Conference

The MMI Team conducted a brief closing conference with Quemetco representatives Messrs. Kelsey, Wheat, Williams, and Rogers. During the conference, it was confirmed by Quemetco that the photographs I collected did not constitute confidential business information.

I related the following preliminary potential compliance concerns observed during the inspection.

- The LDR notifications I reviewed for all but one shipment of polypropylene chips did not have the corresponding statement regarding the land disposal restriction status checked.

- One hazardous waste manifest for incoming waste (manifest document number 005642131, received on February 26, 2009) did not have a description on Line 9.

- One container for accumulation of slag waste in the Furnace Room was open at the time of the inspection.

- Certain regulatory citations on Quemetco's Certificate of Insurance for closure did not appear to conform to the wording in the Indiana Administrative Code.

- Quemetco's operating record does not appear to record the date and method of waste treatment.

- Quemetco's Hazardous Waste Contingency Plan does not: include home addresses for the emergency coordinators; list the actual location of some emergency equipment for which it instead refers to a facility diagram that is not included in the plan; nor describe the actual primary and secondary evacuation routes.

- Waste analysis for out-going shipments of waste slag and polypropylene is limited to a few TCLP constituents.

- Absorbent material identified in Quemetco's Hazardous Waste Contingency Plan as being available at the Water Treatment Plant was not present at that location.

I also discussed that I will need to conduct further evaluation of the regulatory status of the Containment Area and Bin Room, and the storage of waste slag in piles at the Slag Warehouse.

I explained that I may need to follow-up with them on these issues, and may discuss them with IDEM.

It was explained by Quemetco that a discrepancy report pertaining to the one manifest lacking a waste description was filed, of which they will provide me a copy. Also, Quemetco leaves the container of slag waste in the Furnace Room open intentionally, as personnel are periodically adding slag waste, which is hot, and Quemetco's position is that it is dangerous to have operators opening the container while handling hot waste. Quemetco further explained that past analyses of its waste slag and plastic indicated that the constituents for which they currently test are the only ones that are likely to be present.

It was stated that any follow-up letters or requests regarding the inspection should be directed to the attention of Mr. Kelsey.

The closing conference ended at approximately 11:00 AM (EST). At that time, the MMI Team departed Quemetco.

Attachment

A: Inspection Photographs

Attachment A
Inspection Photographs
Quemetco, Inc. (EPA ID No.: IND000199653)
Indianapolis, Indiana
May 18 – 20, 2009

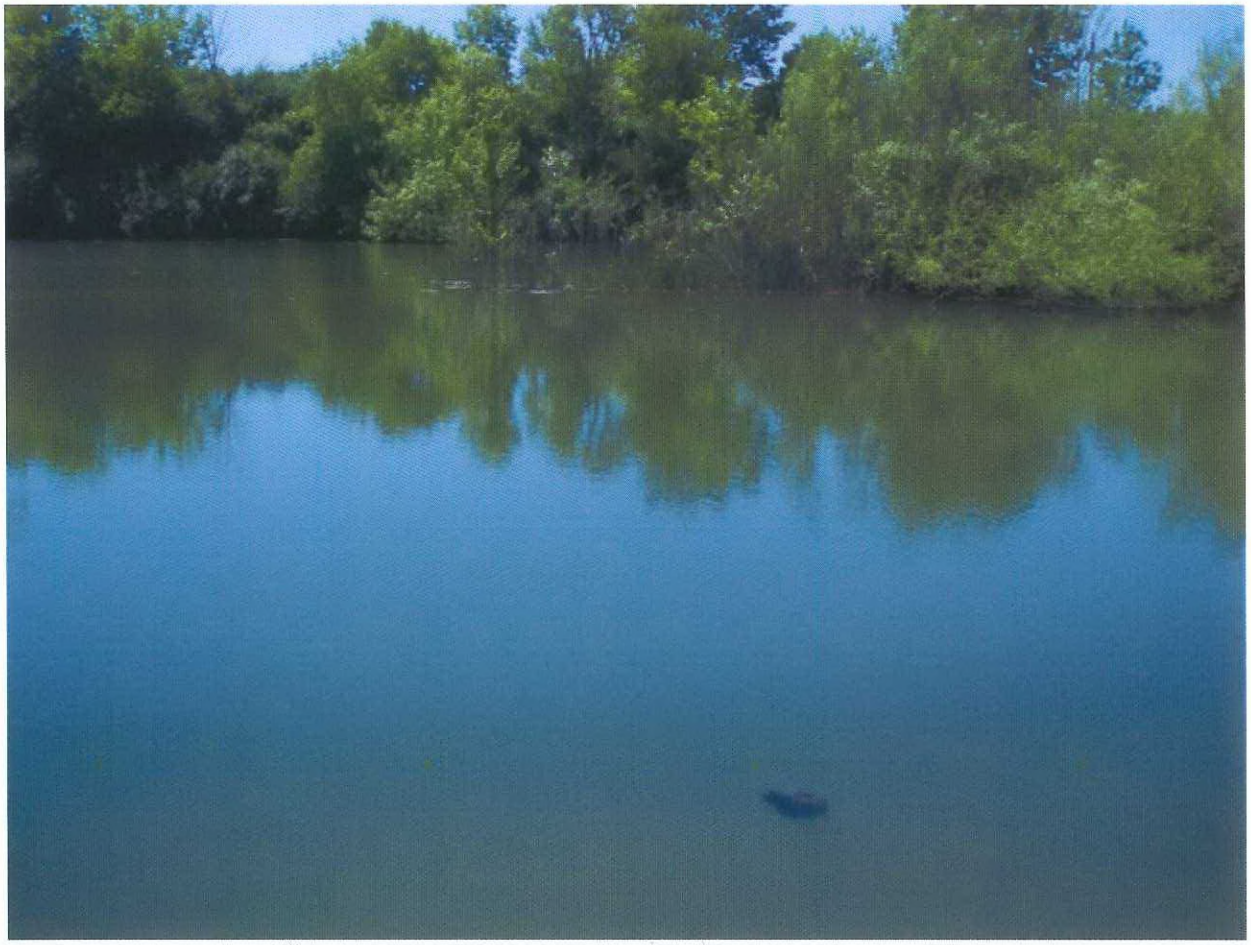
Photograph 1: Slag pile at Quemetco, Inc., Indianapolis, Indiana. The pile is located on the west side of Quemetco's property. The digital photograph was collected on May 18, 2009, at approximately 1:53 P.M., Central Standard Time (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5180001.

Photograph 2: Slag pile at Quemetco, Inc., Indianapolis, Indiana. The pile is located on the west side of Quemetco's property. The digital photograph was collected on May 18, 2009, at approximately 1:53 P.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5180002.

Photograph 3: Slag pile at Quemetco, Inc., Indianapolis, Indiana. The pile is located on the west side of Quemetco's property. The digital photograph was collected on May 18, 2009, at approximately 1:53 P.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5180003.

Photograph 4: Slag pile at Quemetco, Inc., Indianapolis, Indiana. The pile is located on the west side of Quemetco's property. The digital photograph was collected on May 18, 2009, at approximately 1:54 P.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5180004.

Photograph 5: Pond #3 at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 18, 2009, at approximately 2:01 P.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5180005.

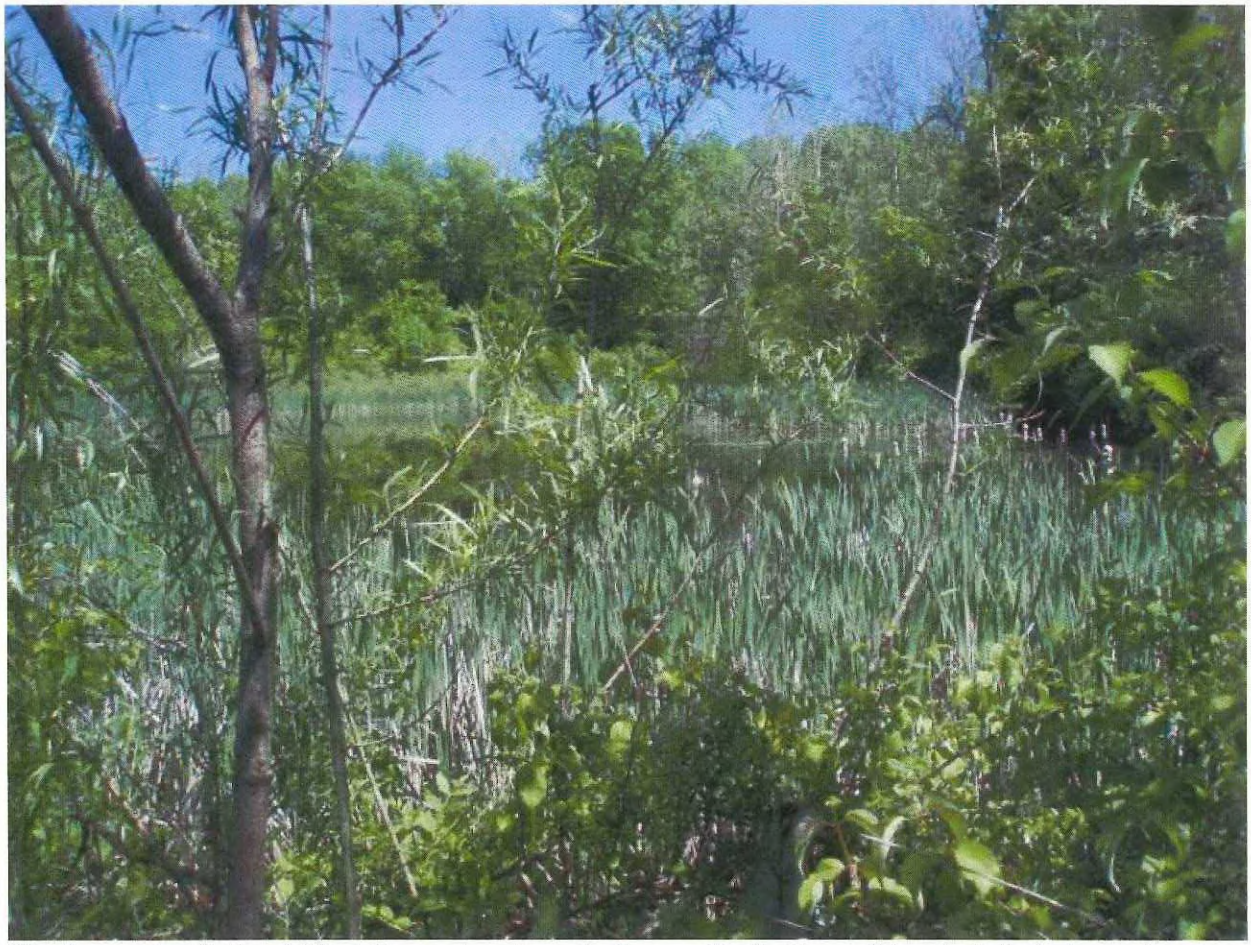


Photograph 6: Pond #3 at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 18, 2009, at approximately 2:01 P.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5180006.

Photograph 7: Pond #3 at Quemetco, Inc., Indianapolis, Indiana. The Quemetco Plant is located in the background. The digital photograph was collected on May 18, 2009, at approximately 2:01 P.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5180007.

Photograph 8: Material floating in Pond #3 at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 18, 2009, at approximately 2:02 P.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5180008.

Photograph 9: Discharge pipe from Pond #3 to Julia Creek, at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 18, 2009, at approximately 2:06 P.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5180009.



Photograph 10: Pond #2 at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 18, 2009, at approximately 2:07 P.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5180010.

Photograph 11: Pond #1 at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 18, 2009, at approximately 2:10 P.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5180011.

Photograph 12: Pond #1 at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 18, 2009, at approximately 2:11 P.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5180012.

Photograph 13: Pond #1 at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 18, 2009, at approximately 2:12 P.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5180013.

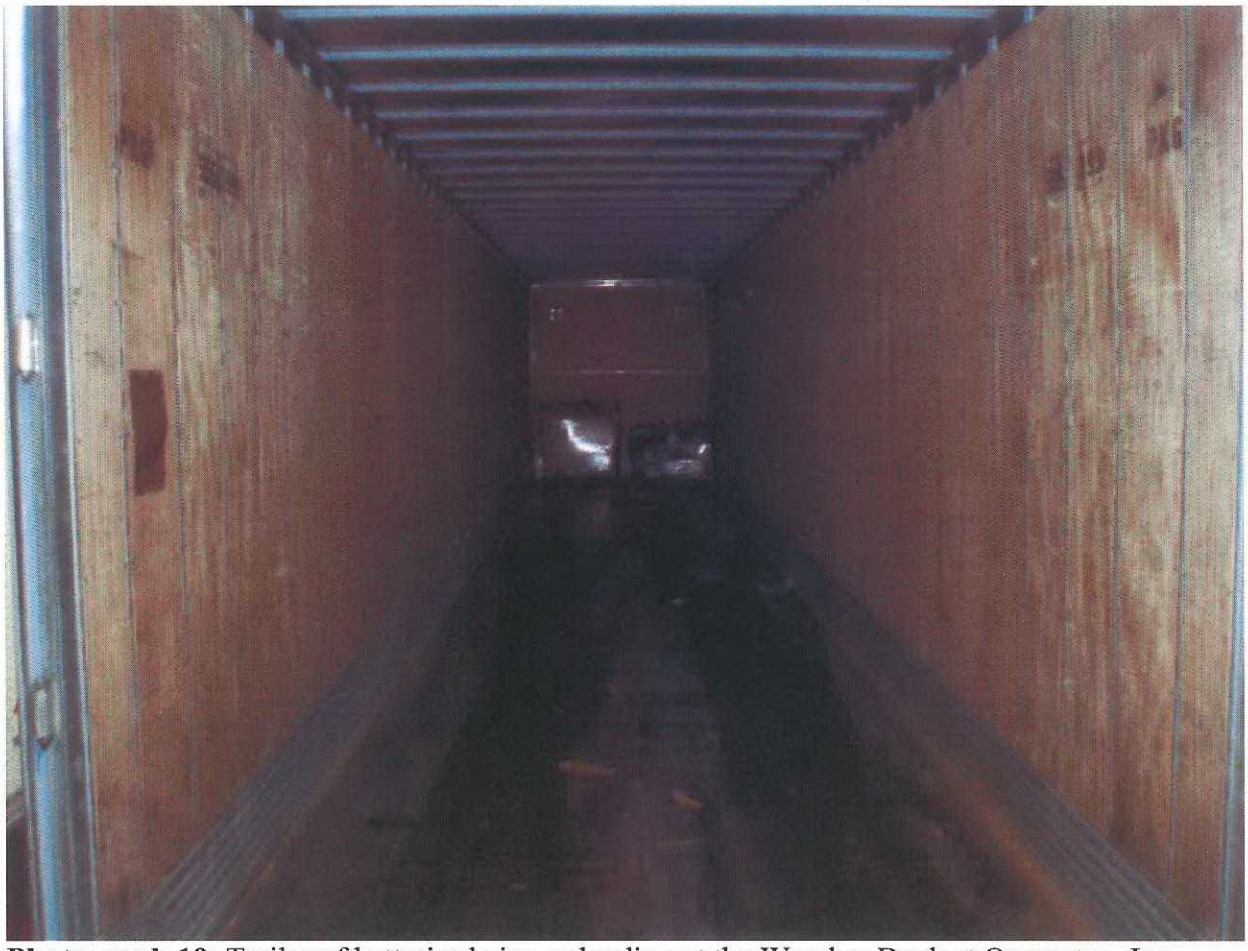
Photograph 14: Outfall from Pond #3 into Julia Creek at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 18, 2009, at approximately 2:18 P.M (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5180014.

Photograph 15: Julia Creek at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 18, 2009, at approximately 2:19 P.M (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5180015.

Photograph 16: Julia Creek at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 18, 2009, at approximately 2:19 P.M (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5180016.

Photograph 17: Trailer of batteries at the Receiving Lot outside of the Wrecker Dock at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 8:23 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190017.

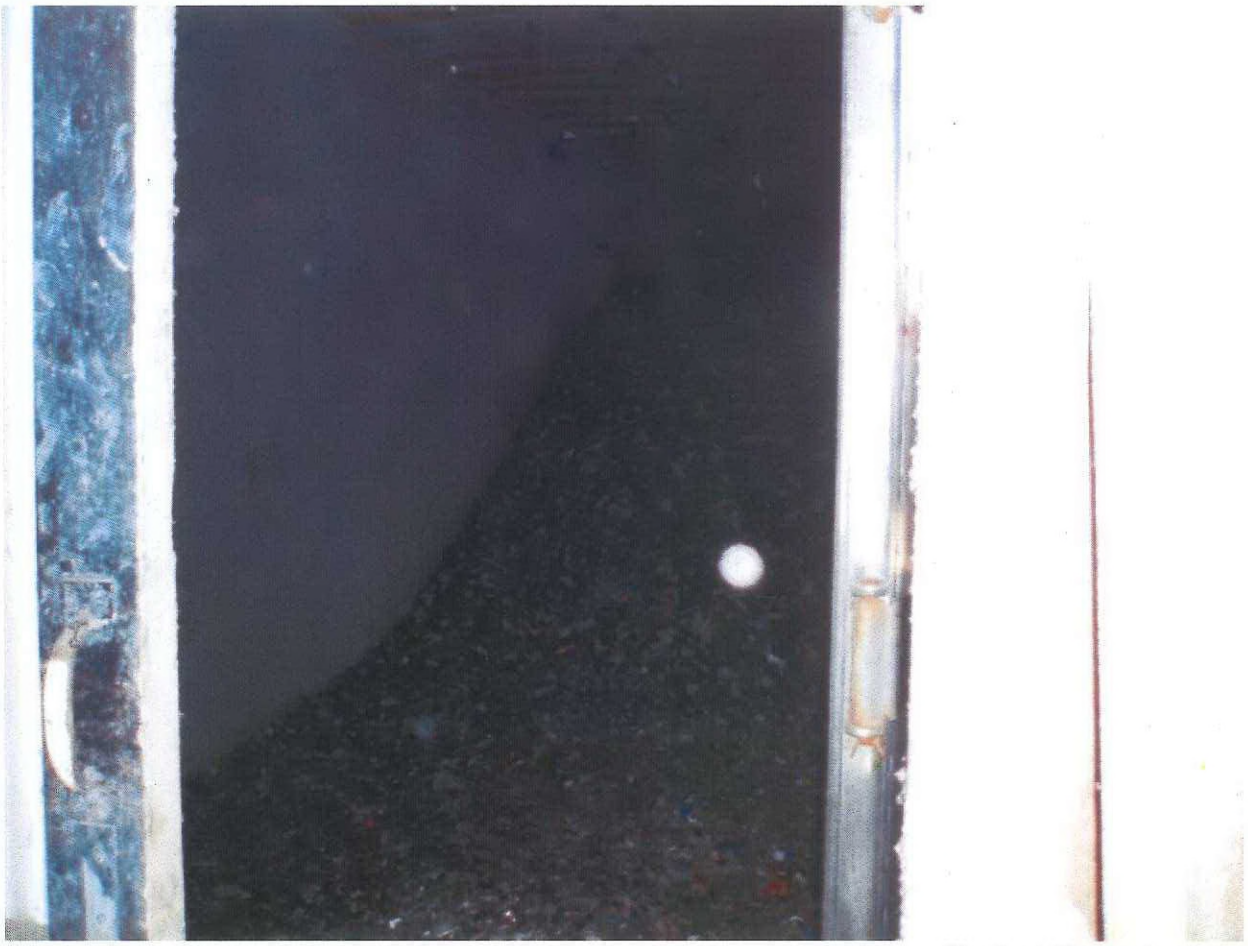
Photograph 18: Trailer of batteries being unloading at the Wrecker Dock at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 8:27 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190018.



Photograph 19: Trailer of batteries being unloading at the Wrecker Dock at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 8:27 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190019.

Photograph 20: Trailer of batteries being unloading at the Wrecker Dock at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 8:27 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190020.

Photograph 21: Batteries and components unloaded at the Wrecker Dock at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 8:33 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190021.



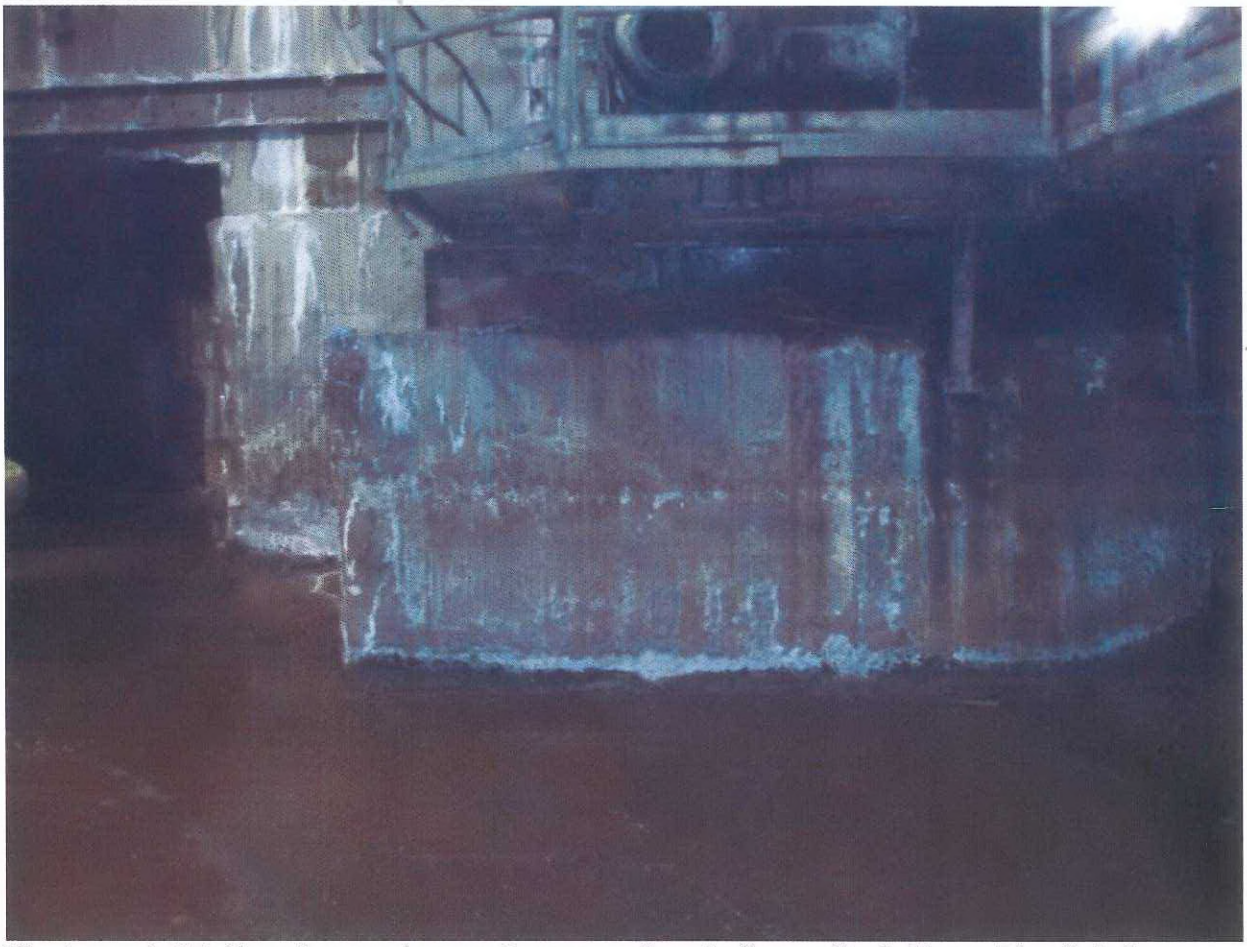
Photograph 22: Ground plastic being blown into a trailer at the Wrecker Dock at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 8:33 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190022.

Photograph 23: Pile of ground lead oxide paste and metallic battery components in the Containment Area at Quemetco, Inc., Indianapolis, Indiana. The pile was in the process of being deposited (from the top) when it was photographed. The digital photograph was collected on May 19, 2009, at approximately 8:40 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190023.

Photograph 24: Pile of ground lead oxide paste and metallic battery components in the Containment Area at Quemetco, Inc., Indianapolis, Indiana. The pile was in the process of being deposited (from the top) when it was photographed. The digital photograph was collected on May 19, 2009, at approximately 8:41 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190024.

Photograph 25: Containment Area at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 8:41 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190025.

Photograph 26: Containment Area at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 8:41 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190026.



Photograph 27: Containment Area at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 8:42 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190027.

Photograph 28: Drying kiln at the Containment Area at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 8:42 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190028.

Photograph 29: Container for accumulation of refractory brick and slag waste located in the Furnace Room at Quemetco, Inc., Indianapolis, Indiana. The container is separated into two parts for separate collection of the two waste streams. The lid for the right side of the container, used for collection of slag waste, was open at the time of the inspection. The digital photograph was collected on May 19, 2009, at approximately 8:50 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190029.

Photograph 30: Slag waste in a container located in the Furnace Room at Quemetco, Inc., Indianapolis, Indiana. This photograph is taken from the top of the right side of the container featured in photograph 29. The lid to this side was open at the time of the inspection. The digital photograph was collected on May 19, 2009, at approximately 8:50 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190030.

Photograph 31: Container for accumulation of personal protective equipment waste at the Finished Goods Area at Quemetco, Inc., Indianapolis, Indiana (closest container in photograph). The adjacent container contained regular garbage. The digital photograph was collected on May 19, 2009, at approximately 8:56 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190031.

Photograph 32: Container for accumulation of "Lead Trash" at the Finished Goods Area at Quemetco, Inc., Indianapolis, Indiana (closest container in photograph). The digital photograph was collected on May 19, 2009, at approximately 9:00 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190032.

Photograph 33: Piles of ground lead oxide paste and metallic battery components, and dross in the Bin Room at Quemetco, Inc., Indianapolis, Indiana. The brown pile is ground lead oxide paste/metal; the gray pile is dross. The digital photograph was collected on May 19, 2009, at approximately 9:06 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190033.

Photograph 34: Pile of ground lead oxide paste and metallic battery components in the Bin Room at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 9:06 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190034.

Photograph 35: Pile of ground lead oxide paste and metallic battery components in the Bin Room at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 9:06 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190035.

Photograph 36: Pile of dross in the Bin Room at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 9:08 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190036.

Photograph 37: Piles of slag in the Slag Warehouse at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 9:11 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190037.

Photograph 38: Piles of slag in Bins 1 through 3 at the Slag Warehouse at Quemetco, Inc., Indianapolis, Indiana. According to Quemetco, this is slag generated from its SRF and destined for off-site disposal. The digital photograph was collected on May 19, 2009, at approximately 9:11 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190038.

Photograph 39: Piles of slag in the Slag Warehouse at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 9:12 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190039.

Photograph 40: Coke pile in the Slag Warehouse at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 9:12 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190040.

Photograph 41: Slag pile in the Slag Warehouse at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 9:12 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190041.

Photograph 42: Piles of slag in the Slag Warehouse at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 9:13 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190042.

Photograph 43: Pile of lime in the Slag Warehouse at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 9:13 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190043.

Photograph 44: Wall and door in the Slag Warehouse at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 9:14 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190044.

Photograph 45: Wall and door in the Slag Warehouse at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 9:14 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190045.

Photograph 46: Floor of the Slag Warehouse at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 9:14 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190046.

Photograph 47: Permitted Hazardous Waste Storage Area at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 9:23 A.M. (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190047.

Photograph 48: Liquid collection trench at the Hazardous Waste Storage Area at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 9:27 A.M (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190048.

Photograph 49: Roll-off containers of gravel and concrete waste located to the immediate south of the Hazardous Waste Storage Area at Quemetco, Inc., Indianapolis, Indiana. Two were labeled as hazardous waste and two as non-hazardous waste (note: one of the roll-off containers is obscured from view in the photograph by another roll-off container). The digital photograph was collected on May 19, 2009, at approximately 9:33 A.M (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190049.

Photograph 50: East entryway to the Slag Warehouse, at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 19, 2009, at approximately 9:34 A.M (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5190050.

Photograph 51: Bins for collection of filter cake underneath a filter press in the Water Treatment Plant at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 20, 2009, at approximately 8:06 A.M (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5200051.

Photograph 52: Bins for collection of filter cake underneath a filter press in the Water Treatment Plant at Quemetco, Inc., Indianapolis, Indiana. The digital photograph was collected on May 20, 2009, at approximately 8:06 A.M (CST). The photographer was Todd Brown, U.S. EPA. The filename is P5200052.

C2 GRCRA-01
Copy. 5/19/09

DECLARATION OF ELECTRONIC FILING OF THE 2008 ANNUAL HAZARDOUS WASTE REPORT

For the calendar year January 1, 2008, through December 31, 2008

EPA ID IND000199653

Site/Company Name QUEMETCO, INC.

Site Address 7870 WEST MORRIS STREET

City INDIANAPOLIS State IN Zip 46231

Mailing Address 7870 WEST MORRIS STREET

City INDIANAPOLIS State IN Zip 46231

Contact Name ROBERT A. KELSEY Phone No 3172471303 Ext 12

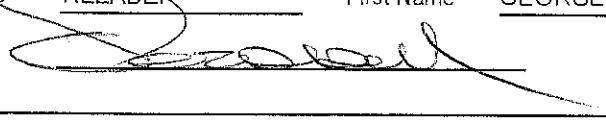
Contact Title EHS COMPLIANCE MANAGER

Part I - Declaration of Filer

I certify under penalty of law that the information shown on my 2008 Hazardous Waste Report, which I filed electronically, and that this document and all attachments were prepared under my direction or supervision, in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted, is correct and current. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for known violations.

Part II- Signature of Certification

Last Name REZABEK First Name GEORGE Title V.P. INDIANA OPERATIONS

Signature  Date 2/19/2009

Part III - Method of File Transmittal

____3 1/2" Diskette or CD ____ Email __X__ ARM Web Site

** Note: This is not the 2008 Annual Hazardous Waste Report. Only file this form if you submitted your 2008 Annual Hazardous Waste Report electronically. This form alone does not constitute submittal of the 2008 Hazardous Waste Report but is required for all methods of electronic submission of the report.

SI Form (3 pgs.)
OS " (8 pgs.)
WG " (3 pgs.)

SEND COMPLETED FORM TO: The Appropriate State or EPA Regional Office	United States Environmental Protection Agency **RCRA SUBTITLE C SITE IDENTIFICATION FORM (2008)**
1. Reason for Submittal MARK ALL BOX(ES) THAT APPLY	Reason for Submittal: ☐ To provide initial Notification of Regulated Waste Activity (to obtain an EPA ID Number for hazardous waste, Universal waste, or used oil activities). ☐ To provide Subsequent Notification of Regulated Waste Activity (to update site identification information). ☐ As a component of a First RCRA Hazardous Waste Part A Permit Application. ☐ As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment # _____ ☒ As a component of the Hazardous Waste Report.
2. Site EPA ID Number	EPA ID Number: **IND000199653**
3. Site Name	Name: QUEMETCO, INC.
4. Site Location Information	Street Adress: 7870 WEST MORRIS STREET City, Town, or Village: INDIANAPOLIS State: IN County Name: MARION Zip Code: 46231
5. Site Land Type	Site Land Type: ☒ Private ☐ County ☐ District ☐ Federal ☐ Indian ☐ Municipal ☐ State ☐ Other
6. NAICS Code(s) for the Site	A. 331492 B. C. D.
7. Site Mailing Address	Street or P. O. Box: 7870 WEST MORRIS STREET City, Town, or Village: INDIANAPOLIS State: IN Country: UNITED STATES Zip Code: 46231
8. Site Contact Person	First Name: ROBERT MI: A Last Name: KELSEY Phone Number: 3172471303 Extension: 12 Email Address: BKelsey@rsrcorp.com
9. Operator and Legal Owner of the Site	A. Name of Site's Operator: QUEMETCO, INCORPORATED Date Became Dperator: 1/1/1972 Operator Type: ☒ Private ☐ County ☐ District ☐ Federal ☐ Indian ☐ Municipal ☐ State ☐ Other
	B. Name of Site's Legal Owner: ECO BAT INDIANA LLC Date Became Owner: 1/31/2003 Owner Type: ☒ Private ☐ County ☐ District ☐ Federal ☐ Indian ☐ Municipal ☐ State ☐ Other

EPA ID Number: IND000199653

9. Legal Owner Address (continued)	Street or P. O. Box: 2777 N. STEMMONS FREEWAY, SUITE	
	City: DALLAS	State: TX
	Country: UNITED STATES	Zip Code: 75207

10. Type of Regulated Waste Activity
Mark Yes or No for all activities; complete any additional boxes as instructed.

A. Hazardous Waste Activities
Complete all parts for 1 through 6.

Y☒ N☐ 1. Generator of Hazardous Waste
If Yes, choose only one of the following - a, b, or c.

- ☒ a. LQG: Greater than 1,000 kg/mo (2,200 lbs./mo.) of non-acute hazardous waste; or
- ☐ b. SQG:. 100 to 1,000 kg/mo (220 - 2,200 lbs./mo.) of non-acute hazardous waste; or
- ☐ c. CESQG: Less than 100 kg/mo (220 lbs./mo.) of non-acute hazardous waste

In addition, indicate other generator activities.

Y☐ N☒ d. United States Importer of Hazardous Waste

Y☐ N☒ e. Mixed Waste (hazardous and radioactive) Generator

Y☒ N☐ 2. Transporter of Hazardous Waste

Y☒ N☐ 3. Treater, Storer, or Disposer of Hazardous Waste (at your site)
Note: A hazardous waste permit is required for this activity.

Y☒ N☐ 4. Recycler of Hazardous Waste (at your site)

Y☒ N☐ 5. Exempt Boiler and/or Industrial Furnace
If Yes, mark each that applies.

- ☐ a. Small Quantity On-site Burner Exemption
- ☒ b. Smelting, Melting, and Refining Furnace Exemption

Y☐ N☒ 6. Underground Injection Control

B. Universal Waste Activities

Y☒ N☐ 1. Large Quantity Handler of Universal Waste (accumulate 5,000 kg or more) [refer to your State regulations to determine what is regulated]. Indicate types of universal

	Generate	Managed
a. Batteries		☒
b. Pesticides		☐
c. Mercury containing equipment		☐
d. Lamps		☐
e. Other (specify)	☐	☐
f. Other (specify)	☐	☐
g. Other (specify)	☐	☐

Y☒ N☐ 2. Destination Facility for Universal Waste
Note: A hazardous waste permit may be required for this

C. Used Oil Activities
Mark all boxes that apply

Y☐ N☒ 1. Used Oil Transporter
If Yes, mark each that applies.

- ☐ a. Transporter
- ☐ b. Transfer Facility

Y☐ N☒ 2. Used Oil Processor and/or Re-refiner
If Yes, mark each that applies.

- ☐ a. Processor
- ☐ b. Re-refiner

Y☐ N☒ 3. Off-Specification Used Oil Burner

Y☐ N☒ 4. Used Oil Fuel Marketer
If Yes, mark each that applies.

- ☐ a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
- ☐ b. Marketer Who First Claims the Used Oil Meets the Specifications

A ID Number: IND000199653

11. Description of Hazardous Wastes

A. Waste Codes for Federally Regulated Hazardous Wastes.

Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes.

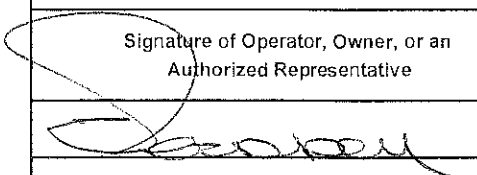
Please list the waste codes of the State-regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed for waste codes.

12. Comments

QUEMETCO, INC. ACCEPTS UNIVERSAL WASTE LEAD ACID BATTERIES FOR RECYCLING.

13. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Operator, Owner, or an Authorized Representative	Name and Official Title (type or print)	Date Signed (mm/dd/yyyy)
	GEORGE REZABEK, V.P. INDIANA OPERATIONS	02/19/2009

ANNUAL MANIFEST SUMMARY REPORT

State Form 52717 (R/8-06)
Indiana Department of Environmental Management

FORM OS

RCRA ID: IND000199653
GENERATIR NAME: QUEMETCO, INC.

OFF-SITE SHIPMENTS
REPORT YEAR: 2008

Hazardous Waste Description	DISPOSABLE ELECTRIC ARC FURNACE SLAG CONTAINING LEAD.
Waste Codes	D004, D005, D008

	TSD FACILITY RCRA ID NUMBER	TSD FACILITY NAME LOCATION CITY AND STATE	QUANTITY SHIPPED AND UOM	MGMT CODE	# OF SHIPMENTS	REJECTED	RETURNED
1	IND093219012	HERITAGE ENVIRONMENTAL SERVICE, LLC INDIANAPOLIS, IN	7,377,940.00 POUNDS	H111	183	☐ Yes ☒ No	☐ Yes ☒ No
2						☐ Yes ☐ No	☐ Yes ☐ No
3						☐ Yes ☐ No	☐ Yes ☐ No
4						☐ Yes ☐ No	☐ Yes ☐ No

	TRANSPORTER RCRA ID NUMBER	TRANSPORTER NAME
1	IND058484114	HERITAGE TRANSPORT LLC
2		
3		
4		

ANNUAL MANIFEST SUMMARY REPORT

State Form 52717 (R/8-06)
Indiana Department of Environmental Management

FORM OS

OFF-SITE SHIPMENTS

RCRA ID: IND000199653

REPORT YEAR: 2008

GENERATIR NAME: QUEMETCO, INC.

Hazardous Waste Description	LEAD CONTAMINATED ASPHALT AND SOIL FROM RECYCLING FACILITY.
Waste Codes	D008

	TSD FACILITY RCRA ID NUMBER	TSD FACILITY NAME LOCATION CITY AND STATE	QUANTITY SHIPPED AND UOM	MGMT CODE	# OF SHIPMENTS	REJECTED	RETURNED
1	IND093219012	HERITAGE ENVIRONMENTAL SERVICE, LLC INDIANAPOLIS, IN	914,360.00 POUNDS	H111	20	☐ Yes ☒ No	☐ Yes ☒ No
2						☐ Yes ☐ No	☐ Yes ☐ No
3						☐ Yes ☐ No	☐ Yes ☐ No
4						☐ Yes ☐ No	☐ Yes ☐ No

	TRANSPORTER RCRA ID NUMBER	TRANSPORTER NAME
1	IND058484114	HERITAGE TRANSPORT LLC
2		
3		
4		

ANNUAL MANIFEST SUMMARY REPORT

State Form 52717 (R/8-06)
Indiana Department of Environmental Management

FORM OS

RCRA ID: IND000199653
GENERATIR NAME: QUEMETCO, INC.

OFF-SITE SHIPMENTS
REPORT YEAR: 2008

Hazardous Waste Description	WASTEWATER TREATMENT FILTER PRESS CAKE FROM LEAD RECYCLING FACILITY.
Waste Codes	D008

	TSD FACILITY RCRA ID NUMBER	TSD FACILITY NAME LOCATION CITY AND STATE	QUANTITY SHIPPED AND UOM	MGMT CODE	# OF SHIPMENTS	REJECTED	RETURNED
1	IND093219012	HERITAGE ENVIRONMENTAL SERVICE, LLC INDIANAPOLIS, IN	161,440.00 POUNDS	H111	5	☐ Yes ☒ No	☐ Yes ☒ No
2						☐ Yes ☐ No	☐ Yes ☐ No
3						☐ Yes ☐ No	☐ Yes ☐ No
4						☐ Yes ☐ No	☐ Yes ☐ No

	TRANSPORTER RCRA ID NUMBER	TRANSPORTER NAME
1	IND058484114	HERITAGE TRANSPORT LLC
2		
3		
4		

ANNUAL MANIFEST SUMMARY REPORT

State Form 52717 (R/8-06)
Indiana Department of Environmental Management

FORM OS

RCRA ID: **IND000199653**
GENERATIR NAME: QUEMETCO, INC.

OFF-SITE SHIPMENTS
REPORT YEAR: 2008

Hazardous Waste Description	SPENT PARTS WASHING LIQUID (MINERAL SPIRITS) FROM LEAD RECYCLING FACILITY.
Waste Codes	D001, F001, F002

	TSD FACILITY RCRA ID NUMBER	TSD FACILITY NAME LOCATION CITY AND STATE	QUANTITY SHIPPED AND UOM	MGMT CODE	# OF SHIPMENTS	REJECTED	RETURNED
1	IND093219012	HERITAGE ENVIRONMENTAL SERVICE, LLC INDIANAPOLIS, IN	2,080.00 POUNDS	H020	12	☐ Yes ☒ No	☐ Yes ☒ No
2						☐ Yes ☐ No	☐ Yes ☐ No
3						☐ Yes ☐ No	☐ Yes ☐ No
4						☐ Yes ☐ No	☐ Yes ☐ No

	TRANSPORTER RCRA ID NUMBER	TRANSPORTER NAME
1	ILR000130062	HERITAGE-CRYSTAL CLEAN LLC
2		
3		
4		

ANNUAL MANIFEST SUMMARY REPORT

State Form 52717 (R/8-06)
Indiana Department of Environmental Management

FORM OS

RCRA ID: IND000199653
GENERATIR NAME: QUEMETCO, INC.

OFF-SITE SHIPMENTS
REPORT YEAR: 2008

Hazardous Waste Description	SPENT LEAD ACID BATTERY CASE PLASTIC CHIPS DESTINED FOR RECYCLING.
Waste Codes	D008

	TSD FACILITY RCRA ID NUMBER	TSD FACILITY NAME LOCATION CITY AND STATE	QUANTITY SHIPPED AND UOM	MGMT CODE	# OF SHIPMENTS	REJECTED	RETURNED
1	ALD981475304	KW PLASTICS TROY, AL	3,873,478.00 POUNDS	H039	91	☐ Yes ☒ No	☐ Yes ☒ No
2						☐ Yes ☐ No	☐ Yes ☐ No
3						☐ Yes ☐ No	☐ Yes ☐ No
4						☐ Yes ☐ No	☐ Yes ☐ No

	TRANSPORTER RCRA ID NUMBER	TRANSPORTER NAME
1	ALD067120196	WILEY SANDERS
2		
3		
4		

ANNUAL MANIFEST SUMMARY REPORT

State Form 52717 (R/8-06)
Indiana Department of Environmental Management

FORM OS

RCRA ID: IND000199653
GENERATIR NAME: QUEMETCO, INC.

OFF-SITE SHIPMENTS
REPORT YEAR: 2008

Hazardous Waste Description	LEAD CONTAMINATED BRICK AND DROSS FROM RECYCLING FACILITY.
Waste Codes	D007, D008

	TSD FACILITY RCRA ID NUMBER	TSD FACILITY NAME LOCATION CITY AND STATE	QUANTITY SHIPPED AND UOM	MGMT CODE	# OF SHIPMENTS	REJECTED	RETURNED
1	WID003967148	VEOLIA ES TECHNICAL SOLUTIONS MENOMONEE FALLS, WI	845,440.00 POUNDS	~~H132~~ H111	26	☐ Yes ☒ No	☐ Yes ☒ No
2						☐ Yes ☐ No	☐ Yes ☐ No
3						☐ Yes ☐ No	☐ Yes ☐ No
4						☐ Yes ☐ No	☐ Yes ☐ No

	TRANSPORTER RCRA ID NUMBER	TRANSPORTER NAME
1	ALD067138891	ROBBIE D. WOOD, INC.
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ANNUAL MANIFEST SUMMARY REPORT

State Form 52717 (R/8-06)
Indiana Department of Environmental Management

FORM OS

RCRA ID: **IND000199653**
GENERATIR NAME: QUEMETCO, INC.

OFF-SITE SHIPMENTS
REPORT YEAR: 2008

Hazardous Waste Description	LEAD CONTAMINATED SOIL AND CONCRETE DEBRIS FROM RECYCLING FACILITY.
Waste Codes	D004, D006, D008

	TSD FACILITY RCRA ID NUMBER	TSD FACILITY NAME LOCATION CITY AND STATE	QUANTITY SHIPPED AND UOM	MGMT CODE	# OF SHIPMENTS	REJECTED	RETURNED
1	WID003967148	VEOLIA ES TECHNICAL SOLUTIONS MENOMONEE FALLS, WI	586,060.00 POUNDS	~~H132~~ H111	18	☐ Yes ☒ No	☐ Yes ☒ No
2						☐ Yes ☐ No	☐ Yes ☐ No
3						☐ Yes ☐ No	☐ Yes ☐ No
4						☐ Yes ☐ No	☐ Yes ☐ No

	TRANSPORTER RCRA ID NUMBER	TRANSPORTER NAME
1	ALD067138891	ROBBIE D. WOOD, INC.
2		
3		
4		

ANNUAL MANIFEST SUMMARY REPORT

State Form 52717 (R/8-06)
Indiana Department of Environmental Management

FORM OS

RCRA ID: IND000199653
GENERATIR NAME: QUEMETCO, INC.

OFF-SITE SHIPMENTS
REPORT YEAR: 2008

Hazardous Waste Description	LEAD OXIDE LOAD BEING PARTIALLY REJECTED OR RETURNED TO GENERATOR SINCE MATERIAL WAS UNPROCESSIBLE.
Waste Codes	D008

	TSD FACILITY RCRA ID NUMBER	TSD FACILITY NAME LOCATION CITY AND STATE	QUANTITY SHIPPED AND UOM	MGMT CODE	# OF SHIPMENTS	REJECTED	RETURNED
1	OHD071654958	TOXCO INC. LANCASTER, OH	13,760.00 POUNDS	~~H131~~ H010	1	☒ Yes ☐ No	☒ Yes ☐ No
2						☐ Yes ☐ No	☐ Yes ☐ No
3						☐ Yes ☐ No	☐ Yes ☐ No
4						☐ Yes ☐ No	☐ Yes ☐ No

	TRANSPORTER RCRA ID NUMBER	TRANSPORTER NAME
1	OHR000110858	DALMATION TRUCKING LLC
2		
3		
4		

ANNUAL MANIFEST SUMMARY REPORT

State Form 52718 (7-06)

Indiana Department of Environmental Management

WASTE RECEIVED FROM OFF-SITE

2008 REPORT

FORM WG

RCRA ID: IND000199653

TSDF NAME: QUEMETCO, INC.

Waste 1 / **Hazadous Waste Description**	SPENT LEAD ACID BATTERIES DESTINED FOR RECYCLING.		
EPA Waste Code	D002 D008		
Generator ID Number	IND093219012	**MGMT Code**	H010
Quantity Received	12,080.00	**Unit of Measure**	POUNDS
Generator Name and Address	HERITAGE ENVIRONMENTAL SERVICE, LLC 7901 MORRIS ST, INDIANAPOLIS, IN, 46231, UNITED STATES		

Waste 2 / **Hazadous Waste Description**	SPENT LEAD ACID INDUSTRIAL BATTERY PLATES DESTINED FOR RECYCLING.		
EPA Waste Code	D008		
Generator ID Number	ALD982142960	**MGMT Code**	H010
Quantity Received	1,020,000.00	**Unit of Measure**	POUNDS
Generator Name and Address	DANNY ISBELL, INC. 2469 WOLF CREEK ROAD SOUTH, PELL CITY, AL, 35128, UNITED STATES		

Waste 3 / **Hazadous Waste Description**	LEAD CONTAMINATED TRASH FOR BATTERY MFG. DESTINED FOR RECYCLING.		
EPA Waste Code	D008		
Generator ID Number	TND982125460	**MGMT Code**	H010
Quantity Received	65,927.00	**Unit of Measure**	POUNDS
Generator Name and Address	HAWKER POWERSOURCE 9404 OOLTEWAH INDUSTRIAL DRIVE, OOLTEWAH, TN, 37363, UNITED STATES		

ANNUAL MANIFEST SUMMARY REPORT

State Form 52718 (7-06)

Indiana Department of Environmental Management

WASTE RECEIVED FROM OFF-SITE

2008 REPORT

FORM WG

RCRA ID: IND000199653

TSDF NAME: QUEMETCO, INC.

Waste 1 Hazadous Waste Description	LEAD CONTAMINATED TRASH FROM BATTERY MFG. DESTINED FOR RECYCLING.		
EPA Waste Code	D008		
Generator ID Number	SCD981922404	MGMT Code	H010
Quantity Received	69,765.00	Unit of Measure	POUNDS
Generator Name and Address	JOHNSON CONTROLS 1204 OLD WALHALLA HIGHWAY, WEST UNION, SC, 29696, UNITED STATES		

Waste 2 Hazadous Waste Description	SPENT LEAD ACID INDUSTRIAL BATTERY PLATES DESTINED FOR RECYCLING.		
EPA Waste Code	D008		
Generator ID Number	OHD048782049	MGMT Code	H010
Quantity Received	2,288,000.00	Unit of Measure	POUNDS
Generator Name and Address	MIDWEST GUARDIAN, INC. 100 KELLER DRIVE, WAPAKONETA, OH, 45895, UNITED STATES		

Waste 3 Hazadous Waste Description	LEAD OXIDE DESTINED FOR RECYCLING. 13,760# OF ORIGINAL AMOUNT REJECTED BACK TO GENERATOR.		
EPA Waste Code	D008		
Generator ID Number	OHD071654958	MGMT Code	H010
Quantity Received	16,045.00	Unit of Measure	POUNDS
Generator Name and Address	TOXCO INC. 265 QUARRY ROAD, LANCASTER, OH, 43130, UNITED STATES		

ANNUAL MANIFEST SUMMARY REPORT

State Form 52718 (7-06)

Indiana Department of Environmental Management

WASTE RECEIVED FROM OFF-SITE

2008 REPORT

FORM WG

RCRA ID: IND000199653

TSDF NAME: QUEMETCO, INC.

Waste 1 Hazadous Waste Description	SPENT LEAD ACID BATTERIES DESTINED FOR RECYCLING.		
EPA Waste Code	D002 D008		
Generator ID Number	MOD981505555	MGMT Code	H010
Quantity Received	8,153.00	Unit of Measure	POUNDS
Generator Name and Address	HERITAGE ES LLC 8525 NE 38TH ST., KANSAS CITY, MO, 64161, UNITED STATES		

Waste 2 Hazadous Waste Description			
EPA Waste Code			
Generator ID Number		MGMT Code	
Quantity Received		Unit of Measure	
Generator Name and Address			

Waste 3 Hazadous Waste Description			
EPA Waste Code			
Generator ID Number		MGMT Code	
Quantity Received		Unit of Measure	
Generator Name and Address			

RAK 2/23/10